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A Review of the Nass River Test Fishery Biological Program for 1990

D.R. Southgate

Fisheries Branch
Department of Fisheries and Oceans
Prince Rupert, B.C. V8J 1G8

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Abstract

Southgate, D.R., 1991. A Review of the Nass River Test Fishery Biological Program for 1990. Can. Data Rep. Fish. Aquat. Sci. 835: iv + 72 p.

Information relating to the Nass River gillnet test fishery program for 1990 is presented in this report. Daily catch of all salmon species (Oncorhynchus sp.) and steelhead trout (Oncorhynchus mykiss) are detailed by set along with age, sex and length data for sockeye and age, length, sex and flesh colour data for chinook salmon.

Set times and duration, position in tide cycle and daily index calculations for sockeye and chinook salmon are also presented. In addition, sockeye escapements are presented along with historical relationships between the annual test fishery index for sockeye and the actual escapement count from the spawning grounds.

Résumé

Southgate, D.R., 1991. A Review of the Nass River Test Fishery Biological Program for 1990. Can. Data Rep. Fish. Aquat. Sci. 835: iv + 72 p.

Le présent rapport donne des renseignements au sujet du programme de pêche expérimentale au filet maillant dans la revière Nass en 1990. Les auteurs précisent les captures quotidiennes de toutes les espèces de saumon (Oncorhynchus sp.) et de la truite arc-en-ciel anadrome (Oncorhynchus mykiss) par mouillage, ainsi que l'âge, le sexe et la longueur des saumons rouges, et le sexe et la couleur de la chair des saumons quinnats.

Le moment et la durée des mouillages, la position des filets en fonction de la marée et les calculs d'indice quotidien pour le saumon rouge et le quinnat sont également fournis. Le rapport présente en outre les échappées chez les saumons rouges, de même que les relations historiques entre l'indice annuel de pêche expérimentale du saumon rouge et le nombre réel de géniteurs ayant remonté vers le frayères.

INTRODUCTION

The Nass River test fishery has been operated annually since 1963, with little change from the original program. The test fishery occurs on the lower Nass river near Monkley Creek, approximately 16 km from the commercial fishing boundary near Kincolith (Figuress 1 and 2). The site is locally referred to as Monkley Dump. Alternate test sites were examined in 1969 but with unfavourable results (Dickson and Vroom, 1970).

The test fishery program provides a daily estimate of the sockeye escapement into the Nass River. This estimate is in the form of a daily index of abundance. It is expressed as a catch per 1,000 fathom-minutes of fishing time, which standardizes catches for daily variability in time fishes and length of net used (Henry, 1961).

The data obtained from this operation combined with estimates of the commercial catch in Area 3 provide an indication of the sockeye run size on a daily basis. The ability to approximate the escapement on a daily basis as soon as it has passed through the gauntlet of fisheries is an extremely valuable aid to the precise regulation of the fishery (Todd and Dickson, 1970). although daily escapement estimates are not calculated for the other species of salmon, the relative abundance and timing of chinook salmon is determined by comparing daily calculated indices throughout the season. This report documents the information collected during the 1990 test fishery program.

METHODS

The Department of Fisheries and Oceans chartered the North Roamer, a 35 foot gillnet fishing vessel to conduct the Nass River test fishery for the 1990 season. The charter was obtained following the standard contractual arrangements as outlined in Appendix 1. The test fishery operated from June 3rd to August 10th.

DRIFT AREA

Daily sets of "drifts" are made only on slackwater tides. Low tide at the test fishery site usually occurs four to five hours after the low tide listed in the tide book for Prince Rupert Harbour. The 1990 Prince Rupert Harbour tide table can be referred to in Appendix 2. The final decision as to the exact time when slackwater occurs and the corresponding set is made is left to the discretion of the test fisherman. Two sets of approximately 15 minutes in duration are made during each low slackwater tide, with the second occurring immediately after the first. For each 24 hour period, there are two low slackwater tides. Therefore, four sets are made each day. Exact times of all drifts are recorded as follows:

1. "Set time", the process of setting out the net in the water, begins when the first cork goes over the drum, and ends when the last cork goes over the drum. This activity is usually 5 minutes in duration.

2. A "drift", or period of time when the net is in the water for the purpose of catching fish, begins when the last cork goes over the drum and all the net is in the water. The standard duration of drift time is set at 10 minutes.

3. Pick up time of "pick time" is the time it takes to drum the net aboard the fishing vessel. It begins when the first cork is brought over the drum and ends when the last cork (terminal part of net) is over the drum. The standard duration of the pick time is set at 8 minutes. Fish and debris are removed as the net is drummed aboard and this activity is included in the pick up time.

When problems occur with the net, such as bunching up or snagging on debris, the fisherman uses his own judgement whether the net is still fishing. Accurate recordings of these times is essential for the calculation of test fishery index.

TOTAL FISHING TIME AND TEST FISHERY INDEX CALCULATIONS

In order to calculate the Nass test fishery sockeye index, the total time and total catch is required for each of the four daily sets. Total fishing time equals the sum of the drift time (10 minutes) plus 1/2 of both the set and pick up times (5 minutes and 8 minutes respectively) as described above.

Example:

Total fishing time for a set:

5 min. set time/2 = 2.5 minutes
10 min. drift time = 10.0 minutes
8 min. pick up time/2 = 4.0 minutes

Total fishing time for a set = 16.5 minutes.

$$\text{Daily catch index} = \frac{\text{daily catch} \times 1000}{\text{100 fathom net length} \times \text{total fishing time}}$$

and is expressed as a daily catch per 1000 fathom-minutes of fishing time.

TEST NETS

Three identical nets are used during the program and are alternated on a daily basis to allow for repairs. Each net is 100 fathoms in length and consists of three separate panels, each of which is 33 1/3 fathoms in length. The three mesh sizes that make up the net, one size for each panel, are as follows:

1. 4" mesh, 50 meshes deep.
2. 4 1/2" mesh, 45 meshes deep.
3. 5" mesh, 40 meshes deep.

Net twine consists of #23 - n.9.13 twine, with a Momoi shade 3 (light green) colour. A river lead line (200-220) is used and the net is hung in a 2:1 ratio.

SAMPLING

Sampling information is recorded by the fisherman in a log book upon completion of each set. This includes date, set, times, catch by species, weather and water conditions as well as local seal abundance.

All sockeye caught are sampled as follows:

1. sex noted.
2. scale samples (2) taken.
3. hypural length measured.
4. nose/fork length measured.

Similar sampling is carried out on all chinook salmon, with the exception that 5 scales are taken instead of the 2 required for sockeye. Electrophoretic and brain samples are taken from sockeye as part of the on-going International Sockeye Sampling Program.

DELIVERY OF CATCH

The catch is delivered by the fisherman every 3 to 4 days, or as required, to a local Prince Rupert processing plant. In previous years, the fisherman would miss fishing days due to delivery requirements. In 1990 the catch was delivered by truck via Greenville. This allowed for more complete data because no information was lost and the operation was more viable because of increased deliveries of salmon.

RESULTS

The daily set information of the Nass River test fishery for 1990 is presented in Table 1. This information includes daily set and pick up time,s total fishing time and catch of all species. The 1990 cumulative test fishery index totalled 247.17 for sockeye and 34.99 for large chinook. Table 2 presents the daily and cumulative indices for sockeye and chinook for 1990.

A total of 1315 sockeye and 95 chinook were sampled during the 1990 Nass River gillnet test fishery program. The biological information collected for each fish sampled in 1990 is recorded in Table III for sockeye and Table IV for chinook.

Weekly age composition of sockeye by sex is presented in Table V. Weekly and annual hypural and nose/fork lengths of sockeye by sex and age class are presented in Table VI. Weekly and annual age and length information for chinook is presented in Tables VII and VIII.

Nass River daily and cumulative test fishing indices for the 1990 escapement, as well as cumulative indices and escapements for sockeye for the years 1980 to 1990 are given in Tables IX and X respectively. The chinook test fishery escapement indices for the years 1980 to 1990 are recorded in Table XI.

Table XII presents the historical relationship between the annual sockeye test fishing index predicted escapement and the actual recorded escapement passed the test fishery. The 1990 Nass River test fishery index calculation indicated a total sockeye run of 154,481 while the actual recorded returns passed the test fishery was set at 165,603. This includes 155,442 escapement to spawning grounds plus 10,161 pieces caught during the native food fishery.

REFERENCES

Dickson, F.V. and P.R. Vroom. 1970. An investigation into an alternate test-fishing site on the Nass River, 1969. Dept. Fisheries and Forestry, Fisheries Service, Pacific Region. Tech. Rept. No. 1970-4: 15 p.

Henry, K.A. 1961. Racial identification of Fraser River sockeye salmon by means of scales and its applications to salmon management. I.P.S.F.C. Bull. No. XII: 97 p.

Todd, I.S. and F.V. Dickson. 1970. Nass River sockeye salmon. A review of the commercial fishery and a summary of the 1963 to 1969 biological programs. D.F.O. Tech. Rept. No. 1970-10: 73 p.

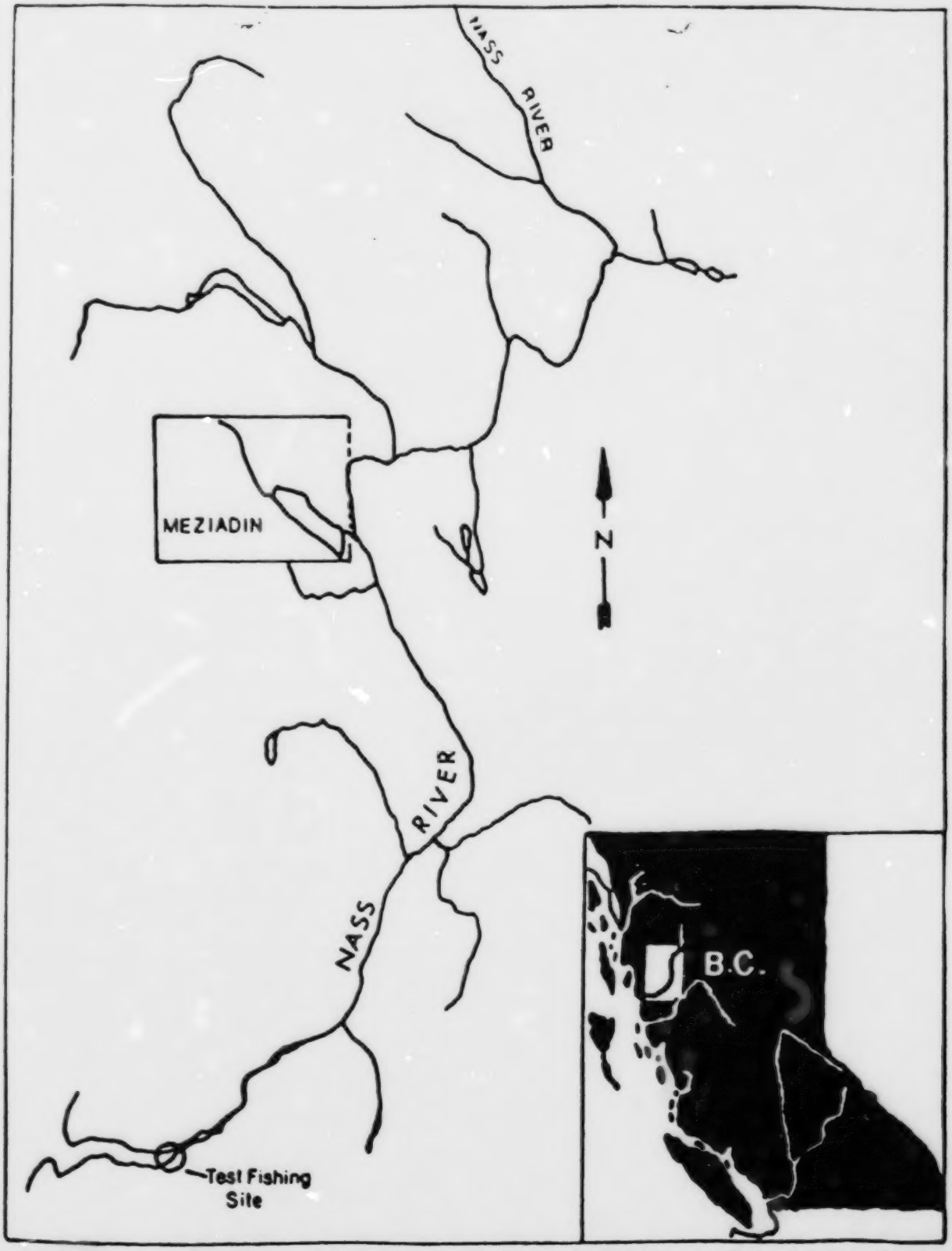

FIGURE 1. The Nass River test fishing location on the lower Nass River within the Nass River watershed.

FIGURE 2. Test fishery site on the Nass River between Snag Bank and Monkley Pier.

Appendix 1. Nass test fishery charter contract.

NASS RIVER TEST FISHERY SERVICE CONTRACT

SEALED TENDERS, addressed to the Head Contracts Section, Materiel Management Division, Department of Fisheries and Oceans, Registry Office, 555 West Hastings Street, Vancouver, B.C. V6B 5G3 and marked:

TENDER FOR:

NASS TEST PROGRAM
VC90-000

will be received up to 2:00 pm local time, February 16, 1990 for the following services:

One gillnet vessel for testfishing on the Nass River at the site commonly referred to as Monkley Dump. Testfishing to commence on or about the 4th of June, 1990, and terminate no later than August 10, 1990; approximately 68 days.

Skipper will also provide deckhand for biological sampling and record keeping.

The lowest or any bid will not necessarily be accepted. Payment of the service contract is to be from the sale of fish caught during the operation. Bids are to be expressed in pounds of sockeye per day.

Tender forms are available through the Fisheries office in Prince Rupert, or through the Registry office at 555 West Hastings Street, Vancouver; (604) 666-0984.

For further information and/or to receive a copy of the tender form, please call David Southgate or Les Jantz in Prince Rupert at 624-0468.

Details and Conditions are as follows:

1. Vessel to be supplied with operator.

2. Fisherman must be fully knowledgable in commercial gillnetting with a minimum of fifteen (15) years experience. The fisherman must have fished and be familiar with the area to be tested; Area 3 (Nass River Management unit 3-12).

3. Fisherman will be requested to carry out electrophoretic sampling during the charter.

4. a) Fisherman will be responsible for delivery of catch to the processing plant of his choice. Test fishermen are asked to make arrangements to have catch delivered to Greenville and shipped to Prince Rupert via transport truck. This is crucial to the operation of the program as it will allow more fishing days - i.e. provide more information for the management of the fishery.

   b) In the case of private sales, the fisherman is required to supply DFO with receipts.

5. Fisherman must be prepared to work at any hour of the day or night. A minimum of four (4) - ten (10) minute sets are required during each 24 hour period.

6. All nets and lines will be supplied by DFO. (Fisherman will have to repair test nets continually throughout the program.)

7. Vessel Requirements:

   a) Vessel must conform fully with M.O.T. safety regulations and be in excellent overall condition.

   b) Radar is required.

   c) The test fisherman will be required to supply all fuel, water, lubricants, etc.

   d) The vessel must have ample room behind the drum for two (2) persons to tag and sample, if required.

8. Deckhand Requirements:

   a) Must have previous experience in salmon gillnetting (minimum 2 years).

   b) Some knowledge and ability in the following sampling techniques on salmonids: species identification, scale removal, fin clipping, lengths, sexing, electrophoretic sampling, otoliths, fecundity, spaghetti and peterson disc tagging.

   c) Must be able to keep neat, accurate records.

   (Please describe the deckhand experience/knowledge thoroughly.)

GENERAL

1. The Department of Fisheries will be responsible for installation and removal of the test float.

2. The Department of Fisheries will supply all necessary sampling equipment.

3. The test fisherman must demonstrate an ability and willingness to communicate his interpretation of stock habits to DFO representatives only. Discretion must be used when communicating on private frequencies.

4. Test fisherman will carry out all necessary sampling before he proceeds with the removal of catch. The catch will be delivered on a weekly basis, attempting to accommodate both DFO and the test fisherman.

5. Test fisherman will not be eligible to enter the commercial fishery while on charter to DFO.

6. Test fisherman must have valid 1990 "A" licence.

7. In the event of a shortfall, sockeye prices will be based on the 1990 average landed value, as determined through consultation with industry. On September 3, 1990 sockeye prices from North Coast processing plants will be averaged (B.C. Packers, Ocean Fisheries, J.S. MacMillan and the Fishermen's Co-op.) Co-op prices will have to be estimated because of their pricing structure. Prices from cash buyers will NOT be used. A formal agreement with the successful applicant and DFO will be signed before the start of the program. Other species will be converted to sockeye.

8. Cost of relaying information daily to the DFO offices (telephone calls) are to be borne by test fisherman.

9. Services will be for a minimum of twenty (20) days and a maximum of one hundred (100) days.

Department of Fisheries
Fisheries Management
555 West Hastings Street
Vancouver, B.C.
V6B 5G3

OFFER TO TESTFISH - TENDER FORM

I/we the undersigned, hereby offer the following gillnet vessel to partake in the area _____test fishing in accordance with the terms and conditions attached:

1) Name of Vessel_____.

2) Name(s) of Owner(s)_____.

3) Address of Owner(s)_____.

4) Location of vessel (for inspection purposes)_____.

5) Name of Operator_____.

6) Number of years licensed salmon fishing experience _____.

7) a) Number of years fished in Area 3_____.

b) Number of years fished in Nass River (management unit 3-12) _____.

8) Previous Test Fishing experience inside Test area _____

_____.

9) Previous Test Fishing experience outside Test area _____

_____.

10) Vessel length_____ Beam_____.

11) Vessel construction - Material_____.

12) Vessel construction - Date_____.

13) Expiry date of MOT inspection_____.

14) Gross tonnage_____ Registered tonnage _____.

15) Engine make_____ H.P._____.

16) Fuel type_____.

17) Cruising speed_____.

18) Radiotelephone(s): Make_____.

19) Radar (make)_____ Sounder (model) _____.

20) Life saving equipment carried_____.

21) Service to commence and terminate at _____.

22) Deckhand:

a) Number of years fishing as gillnet deckhand _____.

b) Sampling experience (use Deckhand Requirement section as guide)

_____.

23) Bid on rate per day to be expressed in pounds of sockeye (with deckhand included) _____.

24) Signature(s) of registered Owner(s) _____.

Date_____.

Deckhand Experience

Appendix II. Prince Rupert Harbour daily tide table for 1990.

PRINCE RUPERT (PRINCE RUPERT)

TIDE TABLES

1990

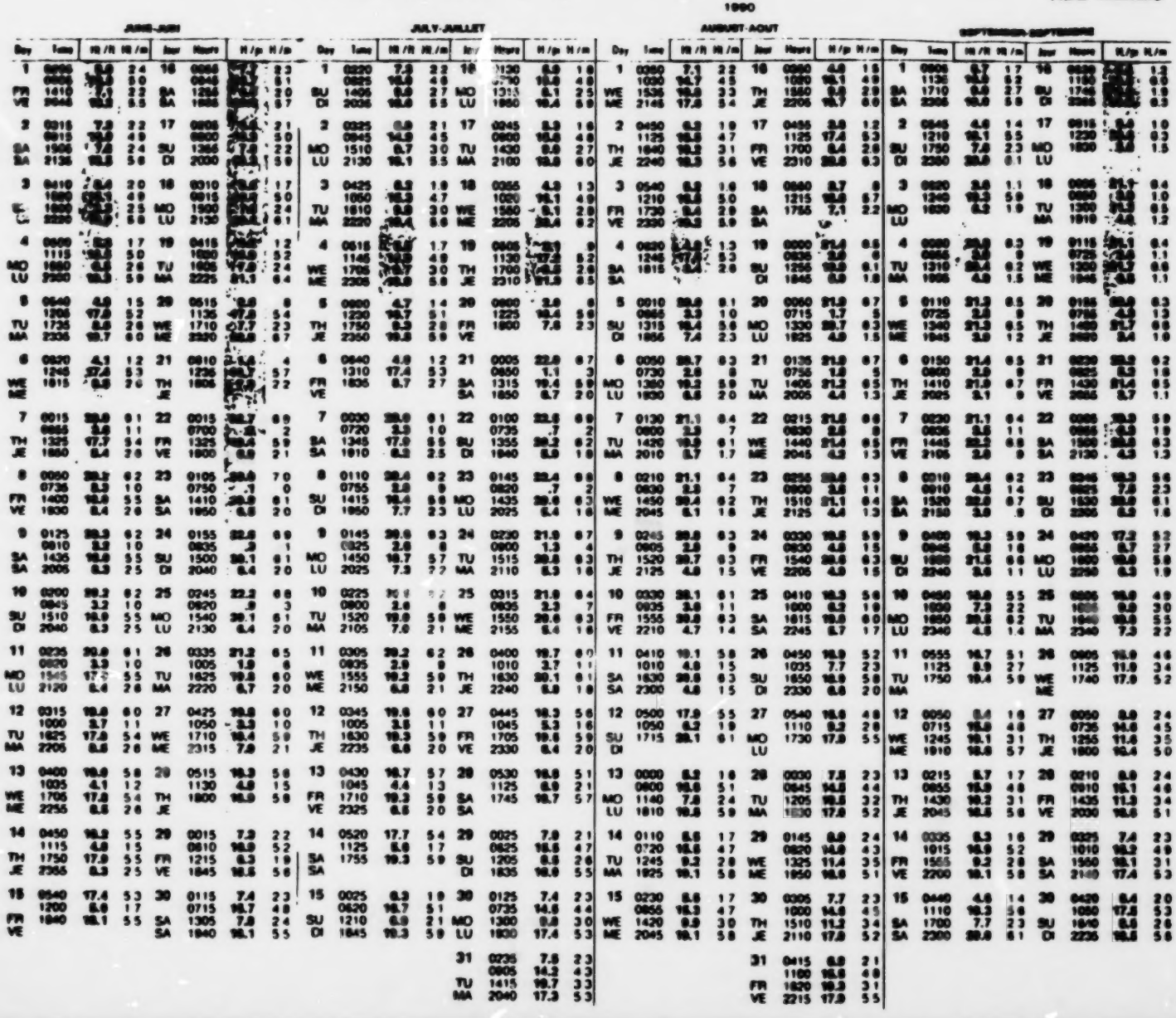

Table 1: Daily catch information for the Nass Test Fishery,1990.

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JUNE 3	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0
JUNE 4	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0
JUNE 5	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0
JUNE 6	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JUNE 7	1	12	35	12	47	15	2	1	0	0	0	0	0
		12	37	12	55								
	2	12	59	13	11	13.5	0	0	0	0	0	0	0
		13	1	13	16								
	3	23	20	23	31	13.5	0	2	1	0	0	0	0
		23	21	23	37								
	4	23	42	23	54	14.5	0	1	0	0	0	0	0
		23	44	24	1								
					TOTAL	56.5	2	4	1	0	0	0	0
JUNE 8	1	13	3	13	15	14	1	2	0	0	0	0	0
		13	5	13	21								
	2	13	27	13	39	14	0	1	0	0	0	0	0
		13	29	13	45								
	3					14							
	4					0							
					TOTAL	42	1	3	0	0	0	0	0
JUNE 9	1	23	55	24	7	14	1	0	0	0	0	0	0
		23	57	24	13								
	2	0	17	0	29	14	0	2	0	0	0	0	0
		0	19	0	35								
	3	13	35	13	47	13	1	0	0	0	0	0	0
		13	37	13	51								
	4	13	56	14	8	13.5	0	2	0	0	0	0	0
		13	58	14	13								
					TOTAL	54.5	2	4	0	0	0	0	0
JUNE 10	1	0	24	0	36	14.5	4	3	2	0	0	0	0
		0	26	0	43								
	2	0	46	0	58	14	0	0	0	0	0	0	0
		0	48	1	4								
	3	14	0	14	12	14	0	3	0	0	0	0	0
		14	2	14	18								
	4	14	22	14	34	13.5	1	0	0	0	0	0	0
		14	24	14	39								
					TOTAL	56	5	6	2	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery, 1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JUNE 11	1					0							
	2					0							
	3	14	37	14	49	14	0	0	0	0	0	0	0
		14	39	14	55								
	4	15	3	15	15	17	2	3	0	0	0	0	0
		15	5	15	27								
					TOTAL	31	2	3	0	0	0	0	0
JUNE 12	1	1	28	1	40	14	1	0	0	0	0	0	0
		1	30	1	46								
	2	1	52	2	4	14.5	1	0	1	0	0	0	0
		1	54	2	11								
	3	15	10	15	22	13	0	0	0	0	0	0	0
		15	12	15	26								
	4	15	31	15	43	14	0	3	0	0	0	0	0
		15	33	15	49								
					TOTAL	55.5	2	3	1	0	0	0	0
JUNE 13	1	2	12	2	24	12.5	1	3	1	0	0	0	0
		2	14	2	27								
	2	2	33	2	45	13.5	0	1	0	0	0	0	0
		2	35	2	50								
	3	15	46	15	57	13.5	3	1	0	0	0	0	0
		15	47	16	3								
	4	16	9	16	21	13.5	1	2	0	0	0	0	0
		16	11	16	26								
					TOTAL	53	5	7	1	0	0	0	0
JUNE 14	1	3	42	3	54	13.5	5	0	0	0	0	0	0
		3	44	3	59								
	2	4	5	4	17	14	3	2	0	0	0	0	0
		4	7	4	23								
	3	16	43	16	55	14.5	1	0	1	0	0	0	0
		16	45	17	2								
	4	17	8	17	20	18	5	2	0	0	0	0	0
		17	10	17	34								
					TOTAL	60	14	4	1	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JUNE 15	1	5	8	5	14	11	1	0	0	0	0	0	0
		5	9	5	25								
	2	5	34	5	38	6.5	0	0	0	0	0	0	0
		5	36	5	45								
	3	17	30	17	42	14	0	0	0	0	0	0	0
		17	32	17	48								
	4	17	58	18	10	13.5	0	0	0	0	0	0	0
		18	0	18	15								
					TOTAL	45	1	0	0	0	0	0	0
JUNE 16	1	6	31	6	42	14	0	2	0	0	0	0	0
		6	32	6	49								
	2	7	14	7	20	7.5	0	1	0	0	0	0	0
		7	16	7	25								
	3	19	2	19	14	14	2	1	0	0	0	0	0
		19	4	19	20								
	4	19	26	19	38	14	0	0	0	0	0	0	0
		19	28	19	44								
					TOTAL	49.5	2	4	0	0	0	0	0
JUNE 17	1	8	16	8	23	9	0	0	0	0	0	0	0
		8	18	8	29								
	2					0							
	3	19	38	19	50	14	1	2	0	0	0	0	0
		19	40	19	56								
	4	20	0	20	12	15.5	1	1	1	0	0	0	0
		20	2	20	21								
					TOTAL	38.5	2	3	1	0	0	0	0
JUNE 18	1	9	17	9	25	9.5	1	3	1	0	0	0	0
		9	19	9	30								
	2	9	36	9	43	9.5	0	0	0	0	0	0	0
		9	38	9	50								
	3	20	2	20	14	14	4	4	1	0	0	0	0
		20	4	20	20								
	4	20	23	20	35	13.5	1	0	1	0	0	0	0
		20	25	20	40								
					TOTAL	46.5	6	7	3	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JUNE 19	1	10	11	10	20	10.5	4	2	2	0	0	0	0
		10	13	10	25								
	2	10	31	10	40	10	0	3	0	0	0	0	0
		10	33	10	44								
	3	20	37	20	49	15	13	6	0	0	0	0	0
		20	39	20	57								
	4	21	1	21	13	13.5	2	0	0	0	0	0	0
		21	3	21	18								
					TOTAL	49	19	11	2	0	0	0	0
JUNE 20	1	10	39	10	50	14	9	3	0	0	0	0	0
		10	40	10	57								
	2	11	2	11	14	15	7	0	0	0	0	0	0
		11	4	11	22								
	3	20	56	21	8	14.5	13	3	1	0	0	0	0
		20	58	21	15								
	4	21	19	21	31	13.5	7	0	0	0	0	0	1
		21	21	21	36								
					TOTAL	57	36	6	2	0	0	0	0
JUNE 21	1	11	15	11	27	13.5	4	0	1	0	0	0	0
		11	17	11	32								
	2	11	37	11	49	15	6	0	0	0	0	0	0
		11	39	11	57								
	3	21	59	22	11	14	10	2	0	0	0	0	0
		22	1	22	17								
	4	22	20	22	32	15.5	11	0	1	0	0	0	0
		22	22	22	41								
					TOTAL	58	31	2	2	0	0	0	0
JUNE 22	1	12	15	12	27	15.5	4	0	1	0	0	0	0
		12	17	12	36								
	2	12	41	12	53	15.5	3	0	1	0	0	0	0
		12	43	13	2								
	3	22	55	23	7	13	0	0	0	0	0	0	0
		22	57	23	11								
	4	23	17	23	29	30.5	9	0	0	0	0	0	0
		23	19	24	8								
					TOTAL	74.5	16	0	2	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LT. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JUNE 23	1	12	51	13	3	13.5	1	0	0	0	0	0	0
		12	53	13	8								
	2	13	13	13	25	13	3	0	0	0	0	0	0
		13	15	13	29								
	3	23	53	24	5	14	1	1	0	0	0	0	0
		23	55	24	11								
	4	0	15	0	27	14	3	0	0	0	0	0	0
		0	17	0	33								
					TOTAL	54.5	8	1	0	0	0	0	0
JUNE 24	1	13	39	13	51	13.5	3	1	0	0	0	0	0
		13	41	13	56								
	2	14	1	14	13	13.5	4	0	1	0	0	0	0
		14	3	14	18								
	3					0							
	4					0							
					TOTAL	27	7	1	1	0	0	0	0
JUNE 25	1	1	17	1	29	13	0	0	0	0	0	0	0
		1	19	1	33								
	2	1	37	1	49	13	0	1	0	0	0	0	0
		1	39	1	53								
	3	14	14	14	26	13	5	0	0	0	0	0	0
		14	16	14	30								
	4	14	33	14	45	14	1	2	1	0	0	0	0
		14	35	14	51								
					TOTAL	53	6	3	1	0	0	0	0
JUNE 26	1	1	50	2	2	14.5	11	1	0	0	0	0	0
		1	52	2	9								
	2	2	11	2	23	14	8	0	1	0	0	0	0
		2	13	2	29								
	3	14	58	15	10	15.5	14	1	0	0	0	0	0
		15	0	15	19								
	4	15	21	15	33	14.5	18	1	0	0	0	0	0
		15	23	15	40								
					TOTAL	58.5	51	3	1	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JUNE 27	1	2	34	2	45	20.5	38	5	1	0	0	0	0
		2	35	3	5								
	2	3	8	3	20	16.5	9	1	0	0	0	0	0
		3	10	3	31								
	3	15	28	15	40	18	32	3	2	0	0	0	0
		15	30	15	54								
	4	15	58	16	10	14.5	8	1	0	0	0	0	0
		16	0	16	17								
					TOTAL	69.5	87	10	3	0	0	0	0
JUNE 28	1	3	34	3	46	16	29	2	3	0	0	0	0
		3	36	3	56								
	2	4	3	4	15	14.5	8	4	0	0	0	0	0
		4	5	4	22								
	3	16	15	16	27	15.5	27	2	3	0	0	0	0
		16	17	16	36								
	4	16	41	16	53	13	9	2	3	0	0	0	0
		16	43	16	57								
					TOTAL	59	73	10	9	0	0	0	0
JUNE 29	1	4	52	5	4	19.5	33	11	2	0	0	0	1
		4	54	5	21								
	2	5	26	5	38	15.5	9	6	1	0	0	0	0
		5	28	5	47								
	3	16	52	17	3	15.5	16	8	0	0	0	0	0
		16	53	17	13								
	4	17	16	17	28	13.5	4	3	0	0	0	0	0
		17	18	17	33								
					TOTAL	64	62	28	3	0	0	0	1
JUNE 30	1					0							
	2					0							
	3	18	10	18	22	19	21	2	1	0	0	0	0
		18	12	18	38								
	4	18	46	18	58	16	10	0	0	0	0	0	0
		18	48	19	8								
					TOTAL	35	31	2	1	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 1	1	7	34	7	40	7	2	0	0	0	0	0	0
		7	36	7	44								
	2	7	52	7	58	8.5	11	0	0	0	0	0	0
		7	54	8	5								
	3	19	52	20	4	13.5	2	1	0	0	0	0	0
		19	54	20	9								
	4	20	17	20	29	15	12	0	1	0	0	0	0
		20	19	20	37								
					TOTAL	44	27	1	1	0	0	0	0
JULY 2	1	8	52	9	1	10.5	3	0	0	0	0	0	0
		8	54	9	6								
	2	9	14	9	21	8	2	0	0	0	0	0	0
		9	16	9	25								
	3	21	5	21	17	13	0	0	2	0	0	0	0
		21	7	21	21								
	4	21	25	21	37	13.5	0	0	0	0	0	0	0
		21	27	21	42								
					TOTAL	45	5	0	2	0	0	0	0
JULY 3	1	10	14	10	22	11	9	1	1	0	0	0	0
		10	16	10	30								
	2	10	37	10	45	10	2	1	0	0	0	0	0
		10	39	10	51								
	3	21	0	21	12	17	14	2	0	0	0	0	0
		21	2	21	24								
	4	21	29	21	41	15.5	6	0	1	0	0	0	0
		21	31	21	50								
					TOTAL	53.5	31	4	2	0	0	0	0
JULY 4	1	11	34	11	42	11.5	16	2	0	0	0	0	0
		11	36	11	51								
	2	12	0	12	10	13	7	0	1	0	0	0	0
		12	2	12	18								
	3	22	5	22	17	16	12	0	1	0	0	0	0
		22	7	22	27								
	4	22	31	22	43	13	2	0	0	0	0	0	0
		22	33	22	47								
					TOTAL	53.5	37	2	2	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 5	1	11	52	12	4	14	17	1	0	0	0	0	0
		11	54	12	10								
	2	12	15	12	27	14	10	1	0	0	0	0	0
		12	17	12	33								
	3	22	1	22	13	16	16	0	1	0	0	0	0
		22	3	22	23								
	4	22	26	22	38	13.5	11	1	0	0	0	0	0
		22	28	22	43								
					TOTAL	57.5	54	3	1	0	0	0	0
JULY 6	1	12	24	12	35	15.5	18	0	0	0	0	0	0
		12	25	12	45								
	2	12	50	13	2	16	3	1	0	0	0	0	0
		12	52	13	12								
	3	22	35	22	47	16.5	13	1	0	0	0	0	0
		22	37	22	58								
	4	23	1	23	13	14	5	0	1	0	0	0	0
		23	3	23	19								
					TOTAL	62	39	2	1	0	0	0	0
JULY 7	1	12	51	13	3	16.5	25	2	0	0	0	0	0
		12	53	13	14								
	2	13	16	13	28	14.5	9	0	0	0	0	0	0
		13	18	13	35								
	3	23	10	23	22	17	24	2	1	0	0	0	0
		23	12	23	34								
	4	23	40	23	52	16.5	5	1	2	0	0	0	0
		23	42	24	3								
					TOTAL	64.5	63	5	3	0	0	0	0
JULY 8	1	13	31	13	43	15	13	1	0	0	0	0	0
		13	33	13	51								
	2	13	54	14	6	15	3	0	0	0	0	0	0
		13	56	14	14								
	3	23	46	23	58	17	14	1	1	0	0	0	0
		23	48	24	10								
	4	24	14	24	26	13.5	2	0	0	0	0	0	0
		24	16	24	31								
					TOTAL	60.5	32	2	1	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 9	1	13	55	14	7	16.5	16	0	0	0	0	0	0
		13	57	14	18								
	2	14	20	14	32	13.5	3	0	0	0	0	0	0
		14	22	14	37								
	3					0							
	4					0							
					TOTAL	30	19	0	0	0	0	0	0
JULY 10	1	0	22	0	34	14	13	0	0	0	0	0	0
		0	24	0	40								
	2	0	42	0	54	13.5	0	1	0	0	0	0	0
		0	44	0	59								
	3	14	29	14	41	13.5	4	2	2	0	0	0	0
		14	32	14	47								
	4	14	49	15	1	13.5	0	1	0	0	0	0	0
		14	51	15	6								
					TOTAL	54.5	17	4	2	0	0	0	0
JULY 11	1	1	17	1	29	14.5	8	2	1	1	0	0	0
		1	19	1	36								
	2	1	40	1	52	14.5	1	1	1	0	0	0	0
		1	42	1	59								
	3	14	42	14	54	16	8	0	1	1	0	0	0
		14	44	15	4								
	4	15	8	15	20	14	2	1	0	0	0	0	0
		15	10	15	26								
					TOTAL	59	19	4	3	2	0	0	0
JULY 12	1	2	22	2	33	18.5	16	1	1	0	0	0	0
		2	23	2	49								
	2	2	57	3	9	15.5	4	0	0	0	0	0	0
		2	59	3	18								
	3	15	16	15	28	15	7	0	0	1	0	0	0
		15	18	15	36								
	4	15	42	15	54	12.5	0	0	0	0	0	0	0
		15	44	15	57								
					TOTAL	61.5	27	1	1	1	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 13	1	3	31	3	43	15.5	11	1	0	1	0	0	0
		3	33	3	52								
	2	3	57	4	9	14.5	6	0	1	0	0	0	0
		3	59	4	16								
	3	15	48	16	0	16	6	2	1	1	0	1	1
		15	50	16	10								
	4	16	20	16	32	15	0	0	0	0	0	0	0
		16	22	16	40								
					TOTAL	61	23	3	2	2	0	1	1
JULY 14	1	4	36	4	48	14	8	1	1	0	0	0	0
		4	38	4	54								
	2	4	58	5	10	15.5	5	1	1	0	0	0	0
		5	0	5	13								
	3	16	33	16	45	14.5	13	0	1	1	0	0	0
		16	35	16	52								
	4	16	54	17	6	16	14	3	2	0	0	0	2
		16	56	17	16								
					TOTAL	60	40	5	5	1	0	0	2
JULY 15	1	5	38	5	50	17.5	14	1	1	0	0	0	0
		5	40	6	3								
	2	6	6	6	18	14.5	5	0	0	0	0	0	0
		6	8	6	25								
	3	17	9	17	21	15	10	1	1	2	0	0	0
		17	11	17	29								
	4	17	32	17	44	13.5	3	2	1	0	0	0	0
		17	34	17	49								
					TOTAL	60.5	32	4	3	2	0	0	0
JULY 16	1	6	50	7	1	15.5	14	1	0	1	0	0	0
		6	51	7	11								
	2	7	14	7	26	13.5	6	0	0	0	0	0	0
		7	16	7	31								
	3	17	43	17	55	21	12	1	0	4	4	0	2
		17	45	18	15								
	4	18	17	18	25	9.5	2	1	0	1	2	0	0
		18	19	18	30								
					TOTAL	59.5	34	3	0	6	6	0	2

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 17	1	8	6	8	18	14.5	9	1	0	0	1	0	0
		8	8	8	25								
	2	8	30	8	42	13.5	7	0	0	0	0	0	0
		8	32	8	47								
	3	18	36	18	48	47	12	0	0	1	3	0	1
		18	38	20	0								
	4	20	1	20	13	14	1	0	0	1	1	0	0
		20	3	20	19								
					TOTAL	89	29	1	0	2	5	0	1
JULY 18	1	9	18	9	30	14	5	2	0	0	1	0	0
		9	20	9	36								
	2	9	40	9	52	15.5	4	2	1	0	3	0	1
		9	42	10	1								
	3	19	19	19	31	17	10	2	0	1	2	0	0
		19	21	19	43								
	4	19	46	19	58	13.5	3	0	0	0	1	0	0
		19	48	20	3								
					TOTAL	60	22	6	1	1	7	0	1
JULY 19	1	10	13	10	25	15	10	0	0	1	1	0	0
		10	15	10	33								
	2	10	34	10	46	14	4	0	0	0	5	0	0
		10	36	10	52								
	3	20	20	20	32	14.5	7	0	2	1	0	0	0
		20	22	20	39								
	4	20	42	20	54	15	3	0	0	1	0	1	0
		20	44	21	2								
					TOTAL	58.5	24	0	2	3	6	1	0
JULY 20	1	10	55	11	7	14	6	1	1	2	0	0	0
		10	57	11	13								
	2	11	15	11	27	13.5	5	0	0	2	0	0	0
		11	17	11	32								
	3	21	37	21	49	15.5	12	2	[illegible]	4	0	0	0
		21	39	21	58								
	4	22	0	22	12	13.5	2	0	0	0	0	0	0
		22	2	22	17								
					TOTAL	56.5	25	3	2	8	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 21	1	11	42	11	54	16	22	1	0	2	5	0	1
		11	44	12	4								
	2	12	6	12	18	14	6	0	0	0	3	0	0
		12	8	12	24								
	3	22	40	22	52	15.5	12	2	0	1	1	0	0
		22	42	23	1								
	4	23	4	23	16	13	1	0	0	0	0	0	1
		23	6	23	20								
					TOTAL	58.5	41	3	0	3	9	0	2
JULY 22	1	12	24	12	35	15.5	21	0	0	0	1	0	0
		12	25	12	45								
	2	12	47	12	59	16	20	1	0	1	5	0	0
		12	49	13	9								
	3	23	18	23	30	16	12	3	0	0	1	0	0
		23	20	23	40								
	4	23	45	23	57	13.5	3	0	0	2	0	0	0
		23	47	24	2								
					TOTAL	61	56	4	0	3	7	0	0
JULY 23	1	13	8	13	20	13	7	0	0	1	1	0	0
		13	10	13	24								
	2	13	25	13	34	9.5	1	0	0	1	1	0	1
		13	27	13	37								
	3	23	57	24	9	13.5	5	0	0	1	0	0	0
		23	59	24	14								
	4	24	19	24	31	13.5	2	0	0	3	2	0	0
		24	21	24	36								
					TOTAL	49.5	15	0	0	6	4	0	1
JULY 24	1	13	26	13	38	14	6	0	0	4	5	0	0
		13	28	13	44								
	2	13	50	14	2	13	4	0	0	0	1	0	0
		13	52	14	6								
	3					0							
	4					0							
					TOTAL	27	10	0	0	4	6	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 25	1	0	57	1	9	13	4	0	0	1	1	0	0
		0	59	1	13								
	2	1	18	1	30	13.5	3	0	0	3	3	0	0
		1	20	1	35								
	3					0							
	4					0							
					TOTAL	26.5	7	0	0	4	4	0	0
JULY 26	1	1	58	2	10	15	1	0	0	0	2	0	1
		2	0	2	18								
	2	2	20	2	32	13	0	0	0	1	0	0	0
		2	22	2	36								
	3					0							
	4					0							
					TOTAL	28	1	0	0	1	2	0	1
JULY 27	1	3	40	4	11	35	6	0	0	5	1	1	0
		3	42	4	21								
	2	3	59	4	11	16	3	0	0	1	0	0	0
		4	1	4	21								
	3	15	14	15	26	15	7	0	0	4	6	0	0
		15	16	15	34								
	4	15	36	15	48	14	7	1	0	5	8	0	0
		15	38	15	54								
					TOTAL	80	23	1	0	15	15	1	0
JULY 28	1	4	0	4	12	13	4	0	0	0	1	0	0
		4	3	4	17								
	2	4	21	4	33	13	2	0	0	0	0	0	0
		4	23	4	37								
	3	15	44	15	56	16.5	11	1	1	10	5	0	0
		15	46	16	7								
	4	16	9	16	21	14.5	8	1	0	11	4	0	1
		16	11	16	28								
					TOTAL	57	25	2	1	21	10	0	1

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
JULY 29	1	5	2	5	14	16	13	0	0	2	4	0	0
		5	4	5	24								
	2	5	31	5	43	14.5	3	0	0	4	3	0	0
		5	33	5	50								
	3	16	20	16	32	15	5	3	2	8	6	1	0
		16	22	16	40								
	4	16	45	16	57	14.5	5	0	0	5	4	0	1
		16	47	17	4								
					TOTAL	60	26	3	2	19	17	1	1
JULY 30	1	7	2	7	12	13	4	0	0	3	6	0	0
		7	4	7	20								
	2	7	28	7	40	15	1	0	0	3	4	0	0
		7	30	7	48								
	3	17	15	17	27	13.5	1	0	0	10	2	0	0
		17	17	17	32								
	4	17	35	17	47	15.5	0	0	0	1	1	0	0
		17	37	17	56								
					TOTAL	57	6	0	0	17	13	0	0
JULY 31	1	8	32	8	44	13.5	2	0	0	1	6	0	0
		8	34	8	49								
	2	8	55	9	7	14	0	0	0	0	2	0	0
		8	57	9	13								
	3	18	5	18	16	13.5	7	0	0	4	5	0	0
		18	6	18	22								
	4	18	27	18	39	13.5	2	0	0	1	1	0	0
		18	29	18	44								
					TOTAL	54.5	11	0	0	6	14	0	0
AUG. 1	1	9	20	9	32	15	5	1	1	9	0	0	0
		9	22	9	40								
	2	9	46	9	58	15	5	0	0	1	2	0	0
		9	48	10	6								
	3	19	11	19	23	14.5	11	2	0	15	1	0	0
		19	13	19	30								
	4	19	36	19	48	13.5	2	0	0	3	1	0	0
		19	38	19	53								
					TOTAL	58	23	3	1	28	4	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
AUG. 2	1	10	7	10	19	16	3	0	0	1	19	0	1
		10	9	10	29								
	2	10	32	10	44	14.5	0	1	0	4	5	0	0
		10	34	10	51								
	3	19	58	20	10	14	6	0	0	2	2	0	0
		20	0	20	16								
	4	20	20	20	32	14	0	0	0	0	5	0	0
		20	22	20	38								
					TOTAL	58.5	9	1	0	7	31	0	1
AUG. 3	1	10	31	10	43	15	3	0	0	3	17	0	0
		10	33	10	51								
	2	10	54	11	6	13.5	0	0	0	0	2	0	0
		10	56	11	11								
	3	20	39	20	50	14.5	1	0	0	3	4	0	1
		20	40	20	58								
	4	21	0	21	12	13.5	1	0	0	0	0	0	0
		21	2	21	17								
					TOTAL	56.5	5	0	0	6	23	0	1
AUG. 4	1	11	7	11	19	16.5	4	0	0	8	13	0	0
		11	9	11	30								
	2	11	31	11	42	15.5	6	0	0	4	25	0	0
		11	32	11	52								
	3	21	28	21	40	16	5	0	0	19	6	0	0
		21	30	21	50								
	4	21	52	22	4	13.5	0	0	0	4	2	0	0
		21	54	22	9								
					TOTAL	61.5	15	0	0	35	46	0	0
AUG. 5	1	11	32	11	44	15	9	0	0	6	11	0	0
		11	34	11	52								
	2	11	54	12	6	18.5	18	0	0	22	18	0	0
		11	56	12	21								
	3	22	14	22	26	15.5	3	0	2	19	17	0	0
		22	16	22	35								
	4	22	37	22	49	15.5	2	0	0	6	1	0	0
		22	39	22	58								
					TOTAL	64.5	32	0	2	53	47	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
AUG. 6	1	11	57	12	8	15	5	0	0	7	8	0	0
		11	58	12	17								
	2	12	20	12	32	13	0	0	0	5	5	0	0
		12	22	12	36								
	3	23	12	23	24	14.5	7	0	0	1	2	0	0
		23	14	23	31								
	4	23	34	23	46	13.5	0	0	0	0	1	0	0
		23	36	23	51								
					TOTAL	56	12	0	0	13	16	0	0
AUG. 7	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0
AUG. 8	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0
AUG. 9	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0

Table 1: Daily catch information for the Nass Test Fishery,1990 (cont').

DATE	SET #	SET TIME HOURS	SET TIME MIN	PICK TIME HOURS	PICK TIME MIN	ACTUAL FISHING TIME	CATCH IN PIECES SOCKEYE	LG. CHINOOK	JK. CHINOOK	PINKS	COHO	CHUM	STHD
AUG. 10	1					0							
	2					0							
	3					0							
	4					0							
					TOTAL	0	0	0	0	0	0	0	0

Table 2: Daily and cumulative index calculation of sockeye and chinook at the Nass test fishery, 1990.

	DAILY		CUMULATIVE	
	SOCKEYE	LG. CHINOOK	SOCKEYE	LG. CHINOOK
JUNE 3				
JUNE 4				
JUNE 5				
JUNE 6				
JUNE 7	0.35	0.71	0.35	0.71
JUNE 8	0.24	0.71	0.59	1.42
JUNE 9	0.37	0.73	0.96	2.15
JUNE 10	0.89	1.07	1.85	3.22
JUNE 11	0.65	0.97	2.50	4.19
JUNE 12	0.36	0.54	2.86	4.73
JUNE 13	0.94	1.32	3.80	6.05
JUNE 14	2.33	0.67	6.13	6.72
JUNE 15	0.22	0.00	6.35	6.72
JUNE 16	0.40	0.81	6.75	7.53
JUNE 17	0.52	0.78	7.27	8.31
JUNE 18	1.29	1.51	8.56	9.82
JUNE 19	3.88	2.24	12.44	12.06
JUNE 20	6.32	1.05	18.76	13.11
JUNE 21	5.34	0.34	24.10	13.45
JUNE 22	2.15	0.00	26.25	13.45
JUNE 23	1.47	0.18	27.72	13.63
JUNE 24	2.59	0.37	30.31	14.00
JUNE 25	1.13	0.57	31.44	14.57
JUNE 26	8.72	0.51	40.16	15.08
JUNE 27	12.52	1.44	52.68	16.52
JUNE 28	12.37	1.69	65.05	18.21
JUNE 29	9.69	4.38	74.74	22.59
JUNE 30	8.86	0.57	83.60	23.16
JULY 1	6.14	0.23	89.74	23.39
JULY 2	1.11	0.00	90.85	23.39
JULY 3	5.79	0.75	96.64	24.14
JULY 4	6.92	0.37	103.56	24.51
JULY 5	9.39	0.52	112.95	25.03
JULY 6	6.29	0.32	119.24	25.35
JULY 7	9.77	0.78	129.01	26.13
JULY 8	5.29	0.33	134.30	26.46
JULY 9	6.33	0.00	140.63	26.46
JULY 10	3.12	0.73	143.75	27.19
JULY 11	3.22	0.68	146.97	27.87
JULY 12	4.39	0.16	151.36	28.03
JULY 13	3.77	0.49	155.13	28.52
JULY 14	6.67	0.83	161.80	29.35
JULY 15	5.29	0.66	167.09	30.01
JULY 16	5.71	0.50	172.80	30.51
JULY 17	3.26	0.11	176.06	30.62
JULY 18	3.67	1.00	179.73	31.62
JULY 19	4.10	0.00	183.83	31.62
JULY 20	4.42	0.53	188.25	32.15
JULY 21	7.01	0.51	195.26	32.66
JULY 22	9.18	0.66	204.44	33.32
JULY 23	3.03	0.00	207.47	33.32
JULY 24	3.70	0.00	211.17	33.32
JULY 25	2.64	0.00	213.81	33.32
JULY 26	1.24	0.00	215.05	33.32
JULY 27	2.88	0.13	217.93	33.45
JULY 28	4.39	0.35	222.32	33.80
JULY 29	4.33	0.50	226.65	34.30
JULY 30	1.05	0.00	227.70	34.30
JULY 31	2.02	0.00	229.72	34.30
AUG. 1	3.97	0.52	233.69	34.82
AUG. 2	1.54	0.17	235.23	34.99
AUG. 3	0.88	0.00	236.11	34.99
AUG. 4	2.44	0.00	238.55	34.99
AUG. 5	4.96	0.00	243.51	34.99
AUG. 6	2.14	0.00	245.65	34.99

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data.

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 7	1	433	547	F	(8+9)	5_3
7	2	480	588	M	(8+12)	5_3
June 8	3	460	564	M	(7+13)	5_3
8	4	524	658	M		5_2
June 9	5	368	445	M		3_1
June 10	6	495	598	F	(7+12)	5_3
10	7	538	651	M		5_2 RG
10	8	550	688	M		3_1
10	9	362	443	M		5_3
10	10	463	560	F	(7+12)	5_2
June 11	11	528	653	M		4_2
11	12	436	528	F		6_2
June 12	13	514	650	M		5_2 NS
12	14	528	640	F		UD
June 13	15	552	638	M		4_2
13	16	555	690	M		5_3
13	17	505	605	M		6_3 UD
13	18	525	616	M	(6+10)	5_3
13	19	445	590	M		UD
June 14	20	517	622	F		UD
14	21	484	584	F	(6+11)	5_3
14	22	561	684	F		UD
14	23	479	566	F		UD
14	24	449	549	M		UD
14	25	517	617	M		UD
14	26	480	580	M		3_1
14	27	405	510	M		5_3
14	28	470	572	F	(7+11)	RG
14	29	380	468	M		5_2
14	30	524	630	F		4_2
14	31	500	608	M		6_2
14	32	537	640	F		5_3
June 15	33	463	573	F		5_3
June 16	34	509	623	M	(7+10)	5_3
16	35	476	583	F	(7+12)	5_3
June 17	36	476	578	M	(7+9)	5_3
17	37	480	570	F	(5+8)	5_2
June 18	38	453	557	F	(6+10)	5_2
18	39	530	660	M		4_2
18	40	502	603	F		3_1
18	41	483	589	M		5_3
June 19	42	418	526	M		5_2
19	43	485	593	F	(6+9)	5_3
19	44	538	648	M		5_2
19	45	460	575	M	(5+13)	5_3
19	46	510	625	F		5_2
19	47	448	549	F	(6+10)	4_2
19	48	449	539	F		RG
19	49	355	440	F		5_3
19	50	490	598	M	(6+10)	

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 19	51	455	563	F	(7+10)	5_3
19	52	423	515	F		3_1 RG
19	53	460	563	F		5_3
19	54	458	563	F	(5+12)	5_3
19	55	463	580	M	(6+12)	5_3
19	56	508	636	M		5_2
19	57	468	578	F	(7+11)	5_3
19	58	441	548	F	(7+12)	5_3
19	59	488	597	M	(8+14)	5_3
June 20	60	520	653	F		5_2
20	61	476	579	F	(6+10)	5_3
20	62	488	590	F		5_3
20	63	470	558	F	(7+11)	5_3
20	64	460	568	M		4_2
20	65	485	590	M	(6+9)	5_2
20	66	440	540	F	(7+10)	5_3
20	67	450	565	M		4_2
20	68	473	572	F		4_2
20	69	459	568	F	(7+10)	5_3
20	70	360	446	M		3_1
20	71	450	548	F	(9+11)	5_3
20	72	478	578	F		4_2
20	73	498	608	M	(6+13)	5_3
20	74	463	576	M	(7+12)	5_3 RG
20	75	480	611	M		5_3 RG
20	76	499	610	M	(6+10)	5_3
20	77	454	560	F		5_3
20	78	452	559	F	(8+12)	5_3
20	79	484	603	M	(7+13)	5_3
20	80	494	608	F	(6+9)	5_3
20	81	429	530	M	(5+13)	5_3
20	82	398	485	F		3_1
June 20	83	465	574	M		4_2
20	84	448	554	M		4_2
20	85	460	550	F	(7+10)	5_2
20	86	450	538	M	(6+10)	5_3
20	87	476	581	M		4_2
20	88	476	587	M	(7+11)	5_3 RG
20	89	513	624	M		RG
20	90	468	571	M		5_2 W
20	91	526	625	F		5_3 RG
20	92	489	607	M		5_3
20	93	472	581	F	(7+10)	5_2
20	94	520	651	M		5_3
20	95	466	578	M	(6+9)	5_2
June 21	96	520	650	F		4_2
21	97	472	588	M	(7+11)	5_2
21	98	461	560	F		5_2
21	99	554	684	M		
21	100	513	623	F		

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 21	101	490	508	M	(6+13)	5_3
21	102	461	560	F		4_2
21	103	516	634	F		5_2
21	104	471	580	M		$_2$ RG
21	105	525	630	F	(7+10)	5_3
21	106	518	628	M		5_2
21	107	450	544	F		4_2
21	108	533	646	M		5_2
21	109	427	538	M		3_2
21	110	520	630	M		5_1
21	111	511	627	F		5_2
21	112	527	678	M		5_2
21	113	453	556	F	(9+9)	5_2
21	114	477	587	M		4_3
21	115	538	652	M		5_2
21	116	450	560	M		3_2
21	117	470	580	F		4_1
21	118	495	622	M	(7+13)	5_2
21	119	437	533	F	(6+8)	5_3
21	120	316	388	F		3_3
21	121	488	596	F		4_1
21	122	471	571	F	(8+6)	5_2
21	123	454	553	M	(7+12)	5_3
21	124	460	554	F	(5+9)	5_3
June 21	125	411	516	M		3_3
21	126	458	544	F	(5+13)	5_1
June 22	127	486	590	F		4_3
22	128	541	657	F		5_2
22	129	510	627	F		$_2$ RG
22	130	533	674	M		6_3
22	131	530	650	M	(7+12)	5_3
22	132	462	565	F		4_2
22	133	421	511	F		4_2
22	134	530	635	M		6_3
22	135	451	548	F		4_2
22	136	470	575	F	(7+11)	5_2
22	137	438	548	F	(7+10)	5_3
22	138	549	671	M		5_3
22	139	487	597	M	(5+13)	5_2
22	140	486	588	F		$_3$ RG
22	141	568	692	M		6_3
22	142	482	593	M		4_2
June 23	143	473	578	F	(8+11)	5_3
23	144	465	561	F		4_2
23	145	474	578	F	(6+13)	5_3
23	146	518	636	M		5_2
23	147	500	602	F	(6+9)	5_3
23	148	506	621	F	(7+14)	5_3
23	149	486	584	F		4_2
23	150	499	608	F	(8+12)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 24	151	394	483	M		3_1
24	152	430	511	F		3_1
24	153	473	569	M		4_1
24	154	458	563	M	(6+11)	5_2
24	155	465	558	M		5_3 RG
24	156	493	606	M	(8+9)	5_3
24	157	511	620	F	(7+8)	5_3
June 25	158	471	580	M	(6+9)	5_3
25	159	450	551	F	(6+10)	5_3
25	160	541	665	F		6_3
25	161	421	529	M		3_1
25	162	378	460	F		3_1
25	163	482	607	M	(6+9)	5_1
June 26	164	455	562	F	(7+13)	5_3
26	165	512	614	F	(7+12)	5_3
26	166	495	615	M	(5+9)	5_3
June 26	167	453	556	M	(7+10)	5_3
26	168	526	633	F		5_3 RG
26	169	486	594	M	(6+12)	5_3
26	170	565	687	M		6_3
26	171	483	595	F	(6+10)	5_3
26	172	426	521	F		3_1
26	173	446	561	M		5_1
26	174	377	478	M		5_3
26	175	503	614	M		6_3
26	176	453	558	F	(5+9)	5_3
26	177	437	529	M	(6+11)	5_3
26	178	465	576	F		4_3
26	179	471	572	F		4_2
26	180	432	531	F	(7+10)	5_1
26	181	463	562	F	(8+13)	5_3
26	182	488	583	M	(8+8)	5_3
26	183	474	583	M	(6+12)	5_3
26	184	543	686	M		5_2
26	185	500	613	F		5_2
26	186	478	570	F		4_2
26	187	482	576	F		4_2
26	188	488	578	F	(5+8)	5_3
26	189	464	575	F	(4+11)	5_3
26	190	490	583	F	(5+10)	5_3
26	191	518	636	M	(7+10)	5_3
26	192	487	693	M	(7+11)	5_3
26	193	465	562	F		4_3
26	194	476	582	F	(7+10)	5_2
26	195	399	492	M		3_1
26	196	486	583	F	(7+11)	5_1
26	197	518	626	F		5_3
26	198	559	673	M		6_2
26	199	498	606	F		5_3
26	200	473	566	F		4_2

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 25	201	569	683	F		5_2
26	202	526	630	F		5_2
26	203	502	611	F		5_2
26	204	517	612	F	(7+12)	5_2
26	205	468	566	F		4_3
26	206	465	568	F	(6+10)	5_2
26	207	532	630	F	(7+9)	5_3
26	208	491	592	F	(7+11)	5_3
June 27	209	460	577	F	(6+10)	5_3
27	210	538	656	F		5_3
27	211	484	598	F		5_2
27	212	458	563	F		6_2
27	213	488	588	F	(7+11)	5_3
27	214	437	528	F	(5+12)	5_3
27	215	483	600	M		4_3
27	216	521	658	M		6_2
27	217	448	547	M	(5+11)	5_3
27	218	488	590	M	(9+11)	5_3
27	219	538	684	M		5_3
27	220	527	653	M	(8+9)	5_2
27	221	479	580	F	(5+12)	5_3
27	222	506	611	M		4_3
27	223	481	588	M	(7+11)	5_2
27	224	462	562	F	(8+8)	5_3
27	225	513	630	M		4_3
27	226	551	688	M		4_2
27	227	486	591	M	(7+10)	5_3
27	228	573	705	M	(6+10)	5_3
27	229	523	651	M	(7+9)	5_3
27	230	490	603	F	(5+10)	5_3
27	231	440	546	F	(7+11)	6_3
27	232	443	544	F		4_2
27	233	442	538	F	(7+13)	5_3
27	234	481	591	M		4_2
27	235	509	628	M		5_2
27	236	501	603	F		6_3
27	237	504	618	M	(7+9)	5_3
27	238	481	606	F		3 2M
27	239	488	609	M	(6+7)	5_3
27	240	490	588	F	(7+11)	5_3
27	241	458	566	M	(7+10)	5_3
27	242	480	604	M	(7+12)	5_3
27	243	428	526	M	(6+9)	5_3
27	244	460	568	M		4_2
27	245	499	598	F		5_2
27	246	466	556	F		5_2
27	247	482	578	M	(7+13)	5_3
27	248	433	538	F	(9+12)	5_3
27	249	560	683	M	(8+10)	5_3
27	250	484	600	M	(8+11)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 27	251	450	550	F		5_2
27	252	485	586	F		5_2
27	253	483	584	M		3M
27	254	484	593	M	(7+10)	5_3
27	255	462	579	M	(6+13)	5_3
27	256	473	594	M	(5+10)	5_3
27	257	500	609	F	(7+10)	5_3
27	258	477	582	F		4_2
27	259	450	549	F		4_2
27	260	570	700	M		6_3
27	261	509	616	F	(5+10)	5_3
27	262	470	581	M	(7+10)	5_3
27	263	480	595	M	(6+10)	5_3
27	264	481	588	M	(5+12)	5_3
27	265	494	606	M	(7+9)	5_3
27	266	520	626	F		4_2
27	267	503	608	F	(5+11)	5_3
27	268	443	542	F		4_2
27	269	491	623	M	(5+11)	5_3
27	270	532	642	M	(6+10)	5_3
27	271	483	594	F		4_2
27	272	503	602	F	(6+11)	5_3
27	273	494	606	F	(6+10)	5_3
27	274	495	603	F	(6+9)	5_3
27	275	474	597	F		4_2 RG
27	276	418	508	M		
27	277	490	592	F	(6+9)	5_3
27	278	473	582	F	(6+10)	5_3
27	279	493	599	F	(7+8)	5_3 W
27	280	500	604	F		
27	281	474	572	F	(7+10)	5_3
27	282	460	571	M		3_1
27	283	453	540	F	(7+9)	5_3
27	284	470	571	F		4_2
27	285	488	583	F		4_2
27	286	471	559	F	(8+7)	5_3
27	287	449	548	F	(7+12)	5_3
27	288	493	612	F	(6+9)	5_3
June 28	289	445	588	F		4_2
28	290	505	621	M	(6+13)	5_3 RG
28	291	499	615	F		
28	292	500	600	M	(4+9)	5_3
June 28	293	480	590	M		4_2
28	294	429	520	M		4_2
28	295	530	640	F		6_3 UD
28	296	478	590	M		
28	297	462	558	F		4_2
28	298	472	570	F	(7+11)	5_3 2M
28	299	485	589	F		
28	300	467	574	M		4_2

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 28	301	473	570	F	(7+10)	5_3
28	302	470	586	M	(7+13)	5_3
28	303	460	569	F		4_2 2M
28	304	463	560	M		5_2 UD
28	305	501	625	M		UD
28	306	470	573	M		UD
28	307	467	562	F		UD
28	308	558	658	F		4_2
28	309	490	601	M		4_2
28	310	443	535	F		6_2
28	311	540	655	F		5_3
28	312	493	602	M	(8+12)	5_3 UD
28	313	475	585	F		5_3 RG
28	314	460	570	M	(7+12)	RG
28	315	488	614	M		RG
28	316	461	582	M		RG
28	317	526	647	F		RG
28	318	472	575	F		5_3
28	319	476	586	M	(5+12)	3_1
28	320	421	535	M		5_3
28	321	484	585	F	(6+13)	5_3
28	322	421	526	M	(8+13)	5_2
28	323	510	620	F		5_3
28	324	508	628	F	(7+12)	5_3
28	325	470	557	F	(5+12)	5_3
28	326	483	588	M	(6+10)	6_3
28	327	587	704	M		6_3 RG
28	328	485	589	F		5_2
28	329	564	689	M		4_2
28	330	492	588	F		4_2 UD
28	331	541	655	F		4_2
28	332	445	545	M		4_2
28	333	525	645	F		4_2 UD
28	334	473	570	F		3_1
June 28	335	370	450	F		5_1
28	336	443	545	M	(7+13)	5_3
28	337	505	553	F	(6+12)	5_3
28	338	479	583	M	(9+11)	5_3 UD
28	339	495	591	M		3_1 W
28	340	410	500	F		4_2
28	341	443	536	M		5_3
28	342	473	562	F		5_2 UD
28	343	457	559	F	(9+11)	5_3 RG
28	344	475	580	F		5_3
28	345	529	640	F		6_3
28	346	474	570	F	(7+12)	
28	347	475	570	F		
28	348	455	546	F	(6+14)	
28	349	477	579	M	(7+7)	
28	350	545	672	M		

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 28	351	478	578	M	(7+11)	5_3
28	352	406	503	F		2M
28	353	528	625	F		6_3
28	354	498	610	M	(7+12)	5_3
28	355	516	628	F		UD
28	356	468	563	F		2M
28	357	458	560	F	(6+11)	5_3
28	358	521	631	M	(6+12)	5_3
June 29	359	488	504	M		RG
29	360	537	648	F		RG
29	361	503	599	F	(8+10)	5_3
29	362	487	483	F	(6+9)	5_3
29	363	490	613	M	(6+12)	5_3
29	364	511	630	F	(6+10)	5_3
29	365	523	636	F		5_2
29	366	482	587	F	(6+11)	5_3
29	367	491	603	M	(8+13)	5_3
29	368	503	611	F		5_2
29	369	568	690	M		6_2
29	370	544	657	F		5_2
29	371	539	656	M		5_2
29	372	546	661	M		5_2
29	373	564	680	F	(7+15)	5_3
29	374	489	588	F	(6+12)	5_3
29	375	498	603	F	(6+13)	5_3
29	376	468	570	F		5_2
June 29	377	520	631	F	(7+10)	5_3
29	378	482	578	F	(6+12)	5_3
29	379	490	588	M	(6+10)	5_3
29	380	491	600	F		RG
29	381	423	528	M	(8+12)	5_3
29	382	486	588	F		5_2
29	383	500	609	F	(6+12)	5_3
29	384	487	574	F	(6+9)	5_3
29	385	478	583	F	(6+11)	5_3
29	386	486	588	F		4_2
29	387	453	554	F	(7+10)	5_3
29	388	436	526	F	(8+10)	5_3
29	389	443	545	F		4_2
29	390	446	536	F		3_1
29	391	409	591	F	(7+11)	5_3
29	392	499	600	F		4_3
29	393	456	551	F	(9+10)	5_3
29	394	453	551	F		4_2
29	395	456	548	F		3_1
29	396	412	499	F	(7+10)	5_3
29	397	463	567	F	(6+10)	5_3
29	398	437	544	F	(7+12)	5_3
29	399	483	586	F		NP
29	400	510	618	M		6_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 29	401	488	601	M	(5+10)	5_3
29	402	468	563	F		$_3$ RG
29	403	500	614	F		5_2
29	404	500	601	F	(8+11)	5_3
29	405	470	570	F	(6+10)	5_3
29	406	485	584	F	(5+10)	5_3
29	407	484	586	F	(6+10)	5_3
29	408	473	571	F	(7+11)	5_3
29	409	511	632	M		6_3
29	410	464	571	M	(6+11)	5_3
29	411	502	608	F	(8+12)	5_3
29	412	488	593	F	(8+10)	5_3
29	413	440	526	M		$_3$ RG
29	414	551	678	M		5_2
29	415	450	551	F	(7+8)	5_3
29	416	446	557	F		4_2
29	417	465	560	F	(6+13)	5_3
29	418	503	611	M		4_2
June 29	419	516	610	F		6_3
29	420	550	668	M		6_3
June 30	421	531	636	F		6_3
30	422	496	500	M	(6+12)	5_3
30	423	508	596	F	(6+11)	5_3
30	424	471	560	F	(7+13)	5_3
30	425	472	567	F	(5+11)	5_3
30	426	464	571	M	(7+13)	5_3
30	427	481	572	F	(8+12)	5_3
30	428	508	621	M		$_3$ NP
30	429	492	582	M	(6+12)	5_3
30	430	478	572	M	(5+14)	5_3
30	431	523	633	M		6_3
30	432	548	667	F		6_3
30	433	476	566	F	(6+13)	5_3
30	434	472	571	F		4_2
30	435	462	550	F		4_2
30	436	431	534	M		3_1
30	437	430	521	F		4_2
30	438	492	583	F	(8+10)	5_3
30	439	440	546	M		3_1
30	440	553	472	M		$_1$ 3M
30	441	468	563	F	(6+11)	5_3
30	442	496	598	M	(6+11)	5_3
30	443	511	633	M		4_2
30	444	518	632	M		5_2
30	445	558	658	F		$_2$ 2M
30	446	548	668	M		6_3
30	447	447	545	M		$_3$ NP
30	448	383	471	F		3_1
30	449	443	550	M	(6+12)	5_3
30	450	478	578	F		4_2

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
June 30	451	491	586	F		4_2
July 1	452	523	618	F		5_2
1	453	491	593	F	(8+11)	5_3
1	454	476	574	F		4_2
1	455	496	603	M		4_2
1	456	561	687	M		4_2 3M
1	457	450	543	F	(6+10)	5_3
1	458	434	526	F	(4+11)	5_3
1	459	521	628	M		5_3 W
1	460	493	591	M	(5+13)	5_3
July 1	461	496	603	F	(5+13)	5_3
1	462	491	600	M		4_2
1	463	498	610	F	(8+13)	5_3
1	464	500	603	F	(7+10)	5_3
1	465	483	596	M	(7+12)	5_3
1	466	487	597	M	(8+10)	5_3
1	467	506	607	F	(5+8)	5_3
1	468	471	564	F	(6+12)	5_3
1	469	466	568	F	chum	4_1
1	470	438	532	F	(6+11)	5_3
1	471	512	630	F		6_3
1	472	488	588	F	(6+7)	5_3
1	473	500	604	F	(5+11)	5_3
1	474	434	538	F		4_2
1	475	461	552	F	(6+11)	5_3 W
July 2	476	503	628	F		5_3 W
2	477	493	600	M	(6+8)	5_3
2	478	446	535	F	(4+11)	5_3
2	479	488	598	M	(4+12)	5_3
2	480	500	611	M	(7+11)	5_3
July 3	481	471	571	F	(7+12)	5_3
3	482	540	672	M		5_2
3	483	490	601	M	(7+12)	5_3
3	484	510	616	M	(6+12)	5_3
3	485	503	604	M	(6+13)	5_3
3	486	490	598	M	(6+12)	5_3
3	487	442	539	F	(5+11)	5_3
3	488	502	621	M		4_2
3	489	461	556	F		4_2 2M
3	490	526	633	M	(7+13)	5_3
3	491	418	506	F		4_2
3	492	488	595	F		4_2 W
3	493	530	680	M		6_3
3	494	468	574	M	(6+10)	5_3
3	495	470	592	M	(7+9)	5_3
3	496	489	627	F	(8+12)	5_3
3	497	462	595	M		4_2
3	498	503	615	F		5_2
3	499	446	558	F		4_2
3	500	528	666	M		4_2 RG

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 3	501	466	578	F	(6+13)	5_3
3	502	458	583	M	(7+12)	5_3
July 3	503	478	585	M		5_3 RG
3	504	500	624	F	(7+12)	5_3
3	505	495	608	F		6_3
3	506	459	567	M		5_3 UD
3	507	503	626	M		3M
3	508	494	565	M		UD
3	509	463	561	F		2M
July 4	510	459	589	M	(6+12)	5_3
4	511	467	602	M	(6+14)	5_3
4	512	530	629	M		5_3
4	513	505	616	F		5_2
4	514	500	615	M	(8+10)	5_2
4	515	530	656	M		6_3
4	516	443	533	M	(8+11)	5_3
4	517	451	565	F	(6+7)	5_3
4	518	543	659	M		5_3
4	519	462	577	M	(6+8)	5_2
4	520	521	633	M		5_3
4	521	498	611	M	(8+10)	5_2
4	522	507	615	F		5_3
4	523	466	567	F		5_2
4	524	552	673	M		4_2
4	525	536	666	M		5_2 3M
4	526	503	614	M	(6+12)	5_3
4	527	445	541	F		5_3 2M
4	528	583	694	F		5_2
4	529	508	612	M	(6+11)	5_2
4	530	488	584	F		5_3 2M
4	531	466	571	F	(9+12)	5_3
4	532	531	640	M	(6+10)	5_3
4	533	500	611	F		6_3
4	534	437	536	F	(5+10)	5_3
4	535	471	577	F		5_3 2M
4	536	418	520	F		4_2
4	537	473	587	M		4_2 2M
4	538	433	533	M	(7+11)	5_3
4	539	506	622	M		4_2
4	540	438	540	M	(9+9)	5_3
4	541	407	500	M		4_2
4	542	448	549	F	(6+10)	5_2
4	543	465	560	F	(7+10)	5_3
4	544	495	600	F		5_3 RG
July 5	545	451	556	F		RG
5	546	478	591	M	(5+12)	5_3
5	547	553	655	F		6_3
5	548	442	541	F		6_3 2M
5	549	494	598	M	(6+11)	5_3
5	550	385	466	F		3_1

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 5	551	522	658	M		5_2
5	552	554	675	M		6_3
5	553	456	570	F	(6+13)	5_3
5	554	460	558	F	(7+8)	5_3
5	555	488	592	M	(7+9)	5_3
5	556	496	605	F		5_2
5	557	453	556	F	(7+11)	5_3
5	558	532	643	M		6_3
5	559	492	603	M	(7+9)	5_3
5	560	441	533	F	(8+10)	5_3
5	561	433	530	F	(6+12)	5_3
5	562	493	602	M	(6+14)	5_3
5	563	503	610	M		4_2
5	564	452	550	F		4_2
5	565	570	696	M		6_3
5	566	522	638	M		5_2
5	567	472	577	M	(5+14)	5_3
5	568	502	601	F	(8+9)	5_3
5	569	500	603	F		4_2
5	570	533	650	M		5_2
5	571	492	598	F		4_2
5	572	542	664	M		3M
5	573	449	548	F	(7+11)	5_3
5	574	496	596	F	(6+11)	5_3
5	575	472	580	M	(7+14)	5_3
5	576	526	641	M		3M
5	577	476	576	F		3M
5	578	430	526	F	(6+11)	5_3
5	579	480	582	F	(7+12)	5_3
5	580	526	638	M		5_2
5	581	550	667	M		5_2
5	582	508	623	M	(6+10)	5_3
5	583	452	535	F	(7+11)	5_3
5	584	499	606	M		4_2
5	585	475	575	F	(5+12)	5_3
5	586	516	645	F		6_3
July 5	587	508	613	F	(6+11)	5_3
5	588	448	546	F	(6+11)	5_3
5	589	438	538	F	(6+14)	5_3
5	590	483	591	M		4_2
5	591	503	600	M	(7+10)	5_3
5	592	467	566	M	(8+10)	5_3
5	593	510	616	M	(8+11)	5_3
5	594	542	642	M	(7+12)	5_3
5	595	453	548	F	(7+9)	5_3
5	596	443	552	M		4_2
5	597	492	591	M	(6+12)	5_3
5	598	552	588	M		6_3
July 6	599	520	638	F		RG
6	600	558	688	M		5_2

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE	
July 6	601	468	576	F	(8+12)	5_3	
6	602	443	537	F		4_2	
6	603	488	603	M	(5+11)	5_3	
6	604	500	602	F		5_2	
6	605	458	563	F	(6+10)	5_3	
6	606	503	608	F	(6+10)	5_3	
6	607	512	638	M		5_3	RG
6	608	476	571	F		4_2	
6	609	486	593	F	(8+13)	5_3	
6	610	467	582	F	(6+10)	5_3	
6	611	522	631	M	(6+11)	5_3	
6	612	446	546	F		4_2	
6	613	529	641	F		5_2	
6	614	500	594	F	(6+12)	5_3	
6	615	548	670	M		5_3	RG
6	616	482	586	F	(7+13)	5_3	
6	617	520	632	F		5_2	
6	618	528	629	F	(8+11)	5_3	
6	619	518	635	F		5_2	
6	620	517	617	F		5_2	
6	621	481	596	M	(6+12)	5_3	
6	622	430	544	M		4_2	
6	623	456	558	F	(7+12)	5_3	
6	624	486	581	F		4_2	
6	625	509	611	F		6_3	
6	626	482	583	F	(6+10)	5_3	
6	627	476	581	F	(7+11)	5_3	
6	628	466	578	M	(5+12)	5_3	
July 6	629	446	549	F		5_3	2M
6	630	536	657	M		6_3	
6	631	515	633	F		5_2	
6	632	498	603	M		4_2	
6	633	440	529	M	(6+10)	5_3	
6	634	456	552	F	(6+13)	5_3	
6	635	469	563	F	(8+12)	5_3	
6	636	538	655	F		6_3	
July 7	637	518	625	F	(7+11)	5_3	
7	638	519	625	F		5_2	
7	639	504	611	F	(8+13)	5_3	
7	640	496	598	F	(9+11)	5_3	
7	641	448	546	F	(6+11)	5_3	
7	642	466	564	F		5_2	
7	643	481	600	M		4_2	
7	644	508	629	F		5_2	
7	645	471	564	F		5_2	RG
7	646	458	548	F	(6+14)	5_3	
7	647	457	550	F	(5+12)	5_3	
7	648	493	598	F	(5+13)	5_3	
7	649	491	583	F		5_3	2M
7	650	473	568	F	(5+8)	5_3	

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 7	651	396	478	F		4_2
7	652	516	626	F		5_2
7	653	497	600	M	(7+11)	5_3
7	654	456	553	F	(5+11)	5_3
7	655	418	500	F		4_2
7	656	453	553	F	(7+12)	5_3
7	657	421	529	F		5_2
7	658	458	567	F	(7+12)	5_3
7	659	448	540	F		4_2
7	660	476	576	F		4_2
7	661	543	648	F		6_3
7	662	546	671	F		5_2
7	663	526	646	F		6_3
7	664	488	603	F	(6+9)	5_3
7	665	460	556	F	(6+10)	5_3
7	666	497	600	F	(7+10)	5_3
7	667	461	566	F	(7+12)	5_3
7	668	459	546	F	(8+13)	5_3
7	669	466	558	F	(5+11)	5_3
7	670	570	693	M		5_2
July 7	671	510	639	M	(6+11)	5_3^2
7	672	474	596	F		5_3 2M
7	673	463	563	F	(6+12)	5_3
7	674	478	578	F	(7+13)	5_3
7	675	491	600	M	(5+11)	5_3
7	676	433	541	F	(6+10)	5_3
7	677	550	664	M		5_2
7	678	477	578	F	(5+10)	5_3
7	679	468	563	F	(5+11)	5_3 RG
7	680	470	570	F		
7	681	496	602	M		4_2
7	682	436	523	F		4_2
7	683	500	603	F		6_3
7	684	473	579	F	(7+11)	5_3
7	685	506	618	F		6_3
7	686	490	598	M		5_2 P
7	687	495	590	F		
7	688	472	583	F	(6+10)	5_3
7	689	500	618	M	(6+11)	5_3
7	690	452	548	F		4_2
7	691	558	690	M		5_2
7	692	553	644	F	(7+12)	5_3
7	693	533	655	M		5_2
7	694	498	512	M		5_2
7	695	484	600	M	(5+11)	5_3
7	696	506	608	F		RG
July 8	697	487	593	M	(5+10)	5_3
8	698	470	566	F	(6+11)	5_3
8	699	542	649	F		5_2
8	700	453	558	F	(6+11)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 8	701	491	596	M	(8+10)	5_3
8	702	507	608	F	(7+8)	5_3
8	703	448	561	M		4_2
8	704	536	668	M		6_3
8	705	439	529	F		4_2
8	706	498	622	M		5_2
8	707	469	566	F		4_2
8	708	448	546	F		4_2
8	709	453	546	F		4_2 W
8	710	480	609	M	(7+11)	5_3
8	711	446	545	F	(6+12)	5_3
8	712	500	598	F		6_3
July 8	713	545	672	M		5_2
8	714	462	562	F		4_2
8	715	447	545	F		4_2
8	716	553	675	M		5_2
8	717	438	548	F	(7+9)	5_3
8	718	549	673	F		6_3
8	719	453	554	F	(8+12)	5_3
8	720	554	658	M		5_3
8	721	468	586	M		4_2
8	722	476	587	M		4_2
8	723	470	572	F	(5+11)	5_3
8	724	488	586	F	(5+11)	5_3
8	725	389	482	F		5_3 RG
8	726	523	643	M		6_3
8	727	522	629	F		5_2
July 9	728	516	626	F		5_2
9	729	478	578	F	(6+11)	5_3
9	730	470	560	F	(6+11)	5_3
9	731	535	648	F	(7+7)	5_3
9	732	446	536	F	(7+11)	5_3
9	733	491	597	F		5_2
9	734	495	603	M	(6+12)	5_3
9	735	473	575	F		5_3 RG
9	736	526	636	F		5_2
9	737	531	653	M		5_2
9	738	476	572	F	(6+14)	5_3
9	739	572	696	M		5_2
9	740	498	604	F	(6+9)	5_3
9	741	488	686	M	(7+13)	5_3
9	742	483	563	F	(7+10)	5_3
9	743	458	554	F	(6+11)	5_3
9	744	483	580	F	(5+9)	5_3
July 10	745	522	648	M		5_2
10	746	476	573	M		4_2
10	747	502	619	F	(7+11)	5_3
10	748	508	608	M	(6+12)	5_3
10	749	526	643	F		5_2
10	750	480	592	F	(6+11)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 10	751	476	572	F		4_2
10	752	482	593	M	(6+13)	5_3
10	753	486	590	F		5_2
10	754	523	656	F		$_2$ RG
July 10	755	550	673	M		5_2
10	756	473	581	F	(6+11)	5_3
10	757	498	598	F		5_2
10	758	480	580	F		4_2
10	759	530	650	M		$_2$ RG
10	760	439	541	F		4_2
10	761	476	579	M		W
July 11	762	473	570	F		NP
11	763	481	579	F		4_2
11	764	496	604	M		4_2
11	765	424	659	M		$_2$ RG
11	766	462	572	F		6_3
11	767	483	590	F		5_2
11	768	478	591	F	(5+8)	5_3
11	769	536	646	M		5_2
11	770	515	632	M		5_2
11	771	488	595	F		5_2
11	772	526	633	M		$_2$ RG
11	773	458	557	F		4_2
11	774	448	543	F	(7+11)	5_2
11	775	468	588	F	(6+9)	5_3
11	776	496	603	F		5_3
July 12	777	503	610	M		5_2
12	778	484	585	F		4_2
12	779	496	648	M		$_2$ RG
12	780	512	632	M		6_3
12	781	472	566	F		4_2
12	782	509	628	F		5_2
12	783	480	592	F	(7+11)	5_3
12	784	485	588	F	(7+13)	5_3
12	785	423	518	F	(7+10)	5_3
12	786	543	665	M		$_3$ RG
12	787	445	518	F		4_2
12	788	440	560	F	(7+12)	5_3
12	789	440	535	F	(6+11)	5_3
12	790	509	614	F		5_3
12	791	479	591	F		5_2
12	792	484	616	F		$_2$ RG
12	793	485	598	M	(7+12)	5_3
12	794	509	619	M	(7+12)	5_3
12	795	545	633	F		5_2
12	796	527	653	M		5_2
July 12	797	555	672	M		5_2
July 13	798	499	606	M		6_3
13	799	458	548	F	(7+11)	5_3
13	800	496	603	M	(7+13)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 13	801	527	636	M	(7+12)	5_3
13	802	421	514	F		4_2
13	803	517	629	F	(7+13)	5_3
13	804	493	593	F		4_2
13	805	533	652	F	(7+12)	5_3
13	806	539	661	M		5_2
13	807	433	529	F		4_2
13	808	477	577	F		4_2
13	809	456	553	F	(6+12)	5_3
13	810	442	540	F		4_2
13	811	517	623	F	(5+13)	5_3
13	812	506	615	F		5_2
13	813	511	619	F	(7+12)	5_3
13	814	482	575	F		4_2
13	815	436	532	F		4_2
13	816	487	583	F	(8+10)	5_3
13	817	438	530	F	(6+10)	5_3
13	818	496	601	M	(8+10)	5_3
13	819	426	523	F	(5+9)	5_3
July 14	820	517	636	M		5_2
14	821	501	602	F		6_3
14	822	438	526	F		4_2
14	823	448	548	M	(6+10)	5_3
14	824	450	543	F	(6+10)	5_3
14	825	473	573	F	(7+14)	5_3
14	826	546	653	M		6_3
14	827	446	553	M	(6+10)	5_3
14	828	526	641	M		5_3
14	829	500	608	M	(8+8)	5_2
14	830	510	638	M		5_3
14	831	460	553	F		4_2
14	832	486	596	F	(6+9)	5_3^2
14	833	522	631	F		RG
14	834	428	522	F	(7+10)	5_3
14	835	502	603	F		5_3
14	836	473	570	F	(5+10)	5_3^2
14	837	506	618	F		RG
14	838	504	609	F		5_2
July 14	839	494	597	M		RG
14	840	536	645	F		$5_$
14	841	482	590	F	(6+9)	5_2
14	842	469	567	F	(5+9)	5_3
14	843	528	635	F		6_3
14	844	533	643	F	(7+10)	5_3
14	845	436	528	F		4_3
14	846	427	528	F		4_2
14	847	544	661	M		5_2
14	848	503	611	F	(7+9)	5_2
14	849	533	649	M		5_3
14	850	473	572	M	(7+10)	5_3^2

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 14	851	467	563	M		4_2
14	852	544	638	F		5_2
14	853	344	412	M		3_2
July 15	854	480	585	F		6_3
15	855	473	573	F	(6+10)	5_3
15	856	438	543	F	(7+10)	5_3
15	857	450	561	F		4_2
15	858	488	603	M		4_2
15	859	422	539	M	(7+12)	5_3
15	860	537	648	F		5_2
15	861	475	482	M	(6+9)	5_3
15	862	521	658	M		5_2
15	863	546	677	M		5_2
15	864	483	600	M	(5+10)	5_3
15	865	501	611	F		5_2
15	866	501	616	F		5_2
15	867	474	563	F		4_2
15	868	502	606	F		5_2 RG
15	869	540	663	M		
15	870	443	542	F	(7+11)	5_3
15	871	523	648	M		5_2
15	872	458	558	F		4_2 RG
15	873	436	543	M		
15	874	483	596	M	(7+10)	5_3
15	875	450	548	M		5_3
15	876	492	602	F		4_2
15	877	483	603	M		4_2
15	878	470	572	M		4_2 RG
15	879	525	652	M		
15	880	422	500	F		4_2
July 15	881	476	579	F	(7+10)	5_3
July 16	882	450	541	F	(7+11)	5_3
16	883	426	528	F		4_2
16	884	479	594	F		5_2 RG
16	885	528	666	M		
16	886	488	601	M		4_2
16	887	393	493	F		4_2
16	888	513	636	M	(7+11)	5_3
16	889	473	570	F	(6+10)	5_3 RG
16	890	552	671	M		
16	891	523	653	M		6_3
16	892	498	583	F		5_2
16	893	468	568	F	(7+10)	5_3
16	894	513	624	M		5_2 RG
16	895	476	585	F		
16	896	453	560	M	(7+11)	5_3
16	897	519	619	F		5_2
16	898	520	633	M		5_2
16	899	538	662	M		5_2
16	900	464	558	F	(8+12)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 16	901	506	611	F	(8+12)	5_3
16	902	466	563	F	(5+9)	5_3
16	903	557	673	M		5_3
16	904	491	593	F		4_2
16	905	522	650	M		6_2
16	906	525	642	M	(7+12)	5_3
16	907	585	575	F	(6+11)	5_3
16	908	547	665	M		5_3 RG
16	909	488	593	M	(7+6)	5_3
16	910	459	559	F	(7+9)	5_3
16	911	508	612	F		5_2
16	912	537	646	F		5_2
16	913	428	526	F		4_2
16	914	527	638	F		6_2
July 17	915	518	628	F		6_3
17	916	480	583	F	(7+9)	5_3
17	917	483	591	F		4_2
17	918	473	588	M	(6+13)	5_2
17	919	546	654	F		5_3
17	920	551	669	M		6_2
17	921	474	574	F	(6+10)	5_3
17	922	468	573	F		4_3
July 17	923	512	624	F		5_2
17	924	527	636	F		5_2 RG
17	925	495	622	F		5_2
17	926	533	652	F		6_3
17	927	442	534	F		4_2
17	928	464	567	M	(5+11)	5_2
17	929	518	610	F		4_3
17	930	503	610	M		5_2
17	931	509	624	F	(7+12)	5_3
17	932	444	544	M	(7+10)	5_3
17	933	496	598	F	(7+10)	5_3
17	934	558	681	F		5_3
17	935	558	703	M		5_2
17	936	533	650	F	(7+12)	5_2
17	937	496	598	F		4_3
17	938	493	606	F		4_2 RG
17	939	483	578	F	(5+12)	5_3
17	940	483	590	M		4_2
17	941	483	478	F	(5+17)	5_2
17	942	485	598	F	(7+11)	5_3
17	943	483	583	F	(7+9)	5_3
July 18	944	483	580	F	(6+8)	5_3
18	945	506	618	M	(7+10)	5_3
18	946	467	562	F	(6+9)	5_3
18	947	421	512	F	(7+9)	5_3
18	948	440	532	F	(6+11)	5_3
18	949	462	553	F	(5+8)	5_3
18	950	454	554	F		5_3 RG

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 18	951	496	737	M		6_3
18	952	439	527	F	(7+9)	5_3
18	953	529	635	F		5_2
18	954	550	655	M		5_2
18	955	488	591	F		5_2
18	956	463	558	M	(7+12)	5_3
18	957	548	653	F		5_2
18	958	567	680	M		5_2
18	959	444	539	F		4_2
18	960	440	525	F	(7+11)	5_3
18	961	455	550	F		4_2 RG
18	962	545	675	M		5_2 RG
18	963	515	625	F		4_2
18	964	545	667	M		5_2
July 18	965	475	572	F		5_2
July 19	966	537	657	F		5_1
19	967	501	608	F		5_3
19	968	443	548	F	(8+10)	5_3
19	969	457	565	F	(7+11)	5_3
19	970	483	576	F	(6+13)	4_2
19	971	458	549	F		5_3
19	972	517	619	F	(6+12)	5_2
19	973	538	648	M		5_2
19	974	479	580	F		5_2
19	975	560	676	F		5_2
19	976	510	617	F	(9+8)	5_3
19	977	545	679	M		5_2
19	978	431	526	F		4_2
19	979	540	659	F		5_2
19	980	530	655	M		5_2
19	981	531	658	M		6_3
19	982	511	639	M		5_2
19	983	506	620	F		5_2 UD
19	984	530	638	M		4_2 UD
19	985	445	518	F		4_2
19	986	438	526	F		5_2
19	987	429	523	F		5_2 2M
19	988	535	648	M		5_2
19	989	477	581	F		5_2
July 20	990	503	616	M		5_2 RG
20	991	500	605	F		4_2
20	992	492	588	F		6_3
20	993	563	678	M		4_2
20	994	450	540	F		4_2
20	995	506	614	F		4_2
20	996	477	579	F		5_2
20	997	469	561	F		5_2
20	998	492	593	M		5_3
20	999	525	645	M	(8+8)	
20	1000	522	632	M		

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 20	1001	478	588	F	(7+9)	5_3
20	1002	532	648	F		6_3
20	1003	553	678	M		6_3
20	1004	496	603	F		3 W
20	1005	455	555	M	(6+8)	5_3
20	1006	478	582	F	(7+13)	5_3
July 21	1007	498	608	F	(8+10)	5_3
July 21	1008	521	623	F		6_3
21	1009	543	668	M		5_2
21	1010	447	531	F		2 RG
21	1011	541	653	M		5_2
21	1012	583	716	M		6_3
21	1013	511	625	M		5_2
21	1014	562	689	M		6_3
21	1015	418	503	F		4_2
21	1016	443	528	F	(5+8)	5_3
21	1017	443	536	F	(8+14)	5_3
21	1018	488	593	M		5_2
21	1019	453	552	M	(8+14)	3 RG
21	1020	427	518	M		4_2
21	1021	472	572	F		5_2
21	1022	552	667	M		5_2
21	1023	528	629	F		6_2
21	1024	574	680	F		4_2
21	1025	502	608	M		5_3
21	1026	501	611	M	(6+7)	5_3
21	1027	458	552	F	(8+6)	5_3
21	1028	457	553	F	(6+10)	5_3
21	1029	433	528	F		2 RS
21	1030	460	558	F		5_3
21	1031	475	578	M	(8+7)	4_2
21	1032	493	595	F		4_2
21	1033	498	601	F		4_2
21	1034	478	560	F		5_2
21	1035	468	582	M	(8+8)	5_3
21	1036	499	608	M	(6+7)	5_3
21	1037	444	528	F		4_2
21	1038	553	663	M		6_3
21	1039	508	612	F		5_2
21	1040	422	530	M	(6+8)	5_3
21	1041	537	658	M		6_3
21	1042	445	536	F		4_2
21	1043	537	665	M		4_2
21	1044	550	668	M		2 RG
21	1045	530	650	M		5_2
July 22	1046	520	627	M		4_2
22	1047	458	553	F	(6+7)	5_3
22	1048	490	601	F		6_3
July 22	1049	464	558	F		4_2
22	1050	457	556	F	(8+11)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 22	1051	486	588	F		4_2
22	1052	493	603	F		4_2
22	1053	468	588	F		$_2$ 3M
22	1054	558	694	M		5_2
22	1055	500	597	F		$_2$ RG
22	1056	495	601	F		4_2
22	1057	533	632	F		6_3
22	1058	501	622	M		5_2
22	1059	518	628	F		5_2
22	1060	540	652	M		$_2$ RG
22	1061	518	623	F	(8+10)	5_3
22	1062	482	593	F		5_2
22	1063	568	690	M		6_3
22	1064	566	693	M		5_2
22	1065	509	618	F		5_2
22	1066	443	543	F	(5+11)	5_3
22	1067	433	522	F		4_2
22	1068	444	540	F	(7+7)	5_3
22	1069	524	653	M		5_2
22	1070	514	632	M	(7+8)	5_3
22	1071	476	588	M	(6+8)	5_3
22	1072	482	581	F	(5+11)	5_3
22	1073	510	618	F		6_3
22	1074	493	586	F		5_2
22	1075	472	568	F	(6+11)	5_3
22	1076	490	588	F		5_2
22	1077	463	560	F	(8+12)	5_3
22	1078	538	658	F		5_2
22	1079	458	552	F	(6+11)	5_3
22	1080	476	576	M		$_3$ RS
22	1081	478	578	F		6_3
22	1082	490	594	M	(6+8)	5_3
22	1083	506	619	F		$_3$ RG
22	1084	528	648	M		6_3
22	1085	579	713	M		6_3
22	1086	526	645	M	(7+13)	5_3
22	1087	500	613	M	(7+11)	5_3
22	1088	475	583	F	(6+11)	5_3
22	1089	445	546	F	(6+12)	5_3
22	1090	476	583	M	(7+10)	5_3
July 22	1091	487	603	F		5_2
22	1092	525	636	F		$_2$ RG
22	1093	518	648	M		6_3
22	1094	523	638	F		6_3
22	1095	499	612	M		6_3
22	1096	508	608	F		5_2
22	1097	500	609	F		5_2
22	1098	532	664	M		5_2
22	1099	505	618	M	(7+11)	5_3
22	1100	493	587	F	(8+11)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 22	1101	499	607	M		4_2
July 23	1102	561	685	F		4_2 RG
23	1103	538	653	M		4_2
23	1104	567	697	F		4_2 RG
23	1105	508	624	M		4_2
23	1106	467	571	F		4_2
23	1107	457	537	F	(5+7)	5_3
23	1108	507	638	M		5_3 RG
23	1109	490	601	F		6_3
23	1110	543	672	M		5_2
23	1111	483	583	F	(7+11)	5_2
23	1112	468	571	F	(7+10)	5_3
23	1113	482	594	M	(7+11)	5_3
July 24	1114	506	618	M	(7+10)	5_3
24	1115	497	598	F		5_3 RG
24	1116	440	528	F		4_2
24	1117	463	563	F		6_3
24	1118	548	663	F		6_3
24	1119	416	498	F		4_2
24	1120	463	558	F	(8+6)	5_3
July 25	1121	434	534	F	(8+10)	5_3
25	1122	499	640	M	(7+8)	5_3
25	1123	428	526	F		5_3 RG
25	1124	507	627	M	(8+10)	5_3
25	1125	463	567	F	(7+11)	5_3
25	1126	472	572	F		4_2
25	1127	486	591	F	(7+11)	5_3
July 26	1128	474	581	F	(8+13)	5_3
26	1129	500	611	F		4_2
26	1130	532	651	M	(5+8)	5_3
26	1131	474	568	F	(5+10)	5_3
26	1132	497	606	F		6_3
July 26	1133	447	543	F		5_3 RG
26	1134	422	524	M		2M
26	1135	473	577	F	(6+9)	5_3
26	1136	418	516	F	(5+9)	5_3
26	1137	497	607	M	(7+10)	5_3
26	1138	481	591	F		5_3 3M
26	1139	456	560	F	(7+10)	5_3
26	1140	467	568	F		5_2
26	1141	472	577	F		5_2
26	1142	328	404	M		4_3
26	1143	435	536	F	(7+6)	5_3
26	1144	508	632	M		5_3
26	1145	487	587	F	(7+10)	5_2
26	1146	491	598	M	(7+8)	5_3
26	1147	478	583	M		4_2
26	1148	468	568	F		5_2
26	1149	478	576	F		5_2 2M
26	1150	441	541	F	(7+8)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 26	1151	453	548	F		RG
26	1152	430	515	F		4_2
July 27	1153	499	608	F	(8+9)	5_3^2
27	1154	517	634	F		5_2^3
July 28	1155	480	598	F		4_2^2
28	1156	508	640	F		4_2^2
28	1157	455	555	F		3M
28	1158	448	682	M		5_2
28	1159	465	578	M	(7+8)	5_3^2
28	1160	520	630	F		2M
28	1161	498	603	F	(9+9)	5_3
28	1162	528	644	F		6_3
28	1163	560	684	M		6_3
28	1164	506	612	M	(8+7)	5_3
28	1165	486	585	M		4_2
28	1166	352	426	M		4_3
28	1167	458	553	F		RG
28	1168	529	634	F		UD
28	1169	438	526	F		RG
28	1170	493	588	F		5_3
28	1171	505	604	F	(8+10)	5_3
28	1172	484	588	F	(7+12)	5_3
28	1173	488	588	F		4_2
28	1174	418	512	F	(7+10)	5_3^2
July 28	1175	480	582	F	(7+12)	5_3
28	1176	493	600	M	(7+7)	5_3
28	1177	468	559	F	(3+8)	5_3
July 29	1178	447	546	F	(5+7)	5_3
29	1179	506	617	F		4_2
29	1180	533	648	F	(6+11)	5_3^2
29	1181	447	553	F		2M
29	1182	447	543	F	(7+10)	5_3
29	1183	513	612	F	(7+12)	5_3
29	1184	504	612	M		RG
29	1185	484	579	F	(6+10)	5_3
29	1186	438	527	F	(8+8)	5_3
29	1187	548	673	M		6_3
29	1188	546	668	M		5_2
29	1189	485	583	F	(6+9)	5_3^2
29	1190	347	418	F		4_3
29	1191	489	587	M		5_2^3
29	1192	494	593	F		4_2^2
29	1193	504	608	F		6_3^2
29	1194	516	636	M		5_2^3
29	1195	500	604	F	(9+10)	5_3^2
29	1196	500	611	M		RG
July 30	1197	494	606	M		4_2
30	1198	487	597	F		4_2^2
30	1199	441	678	M		6_3^2
30	1200	497	612	M	(6+7)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
July 30	1201	553	668	M		3M
30	1202	530	653	M		5_2
July 31	1203	511	627	M		4_2
31	1204	483	578	F		4_2
July 31	1205	580	715	M		$_2$ RG
31	1206	498	602	F	(8+8)	5_3
31	1207	496	601	F	(7+11)	5_3
31	1208	510	630	F		$_3$ W
31	1209	522	623	F	(6+11)	5_3
31	1210	453	544	F		5_3
31	1211	383	457	M		4_2
Aug. 1	1212	469	563	F	(6+12)	5_3
1	1213	518	627	F		5_2
1	1214	448	544	F		4_2
1	1215	467	554	F		$_2$ 2M
1	1216	488	588	F		RG
Aug. 1	1217	422	524	M		4_2
1	1218	518	622	F		6_3
1	1219	479	591	M	(6+10)	5_3
1	1220	576	712	M		$_3$ 3M
1	1221	546	668	M		3M
1	1222	530	633	F		5_2
1	1223	498	607	F		6_3
1	1224	510	621	M		5_2
1	1225	513	616	F		$_2$ 3M
1	1226	486	591	F		4_2
1	1227	453	546	F	(5+8)	5_3
1	1228	446	566	F	(10+11)	5_3
1	1229	452	533	F	(6+8)	5_3
1	1230	451	538	F	(7+7)	5_3
1	1231	450	539	F		4_2
1	1232	435	526	F	(7+7)	5_3
Aug. 2	1233	605	734	M		6_3
2	1234	440	536	M		4_2
2	1235	446	551	F	(5+7)	5_3
2	1236	496	592	F	(8+8)	5_3
2	1237	450	553	F	(6+10)	5_3
2	1238	521	632	F		4_2
2	1239	497	601	F	(7+12)	5_3
Aug. 3	1240	509	609	F	(4+11)	5_3
3	1241	513	620	F	(7+12)	5_3
3	1242	501	624	M	(6+10)	5_3
3	1243	534	642	F		6_3
3	1244	512	625	M		4_2
Aug. 4	1245	523	623	F		6_3
4	1246	468	566	M	(9+12)	5_3
4	1247	517	623	F		4_2
4	1248	501	666	F		$_2$ 2M
4	1249	513	624	F		5_2
4	1250	505	616	F		5_2

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
Aug. 4	1251	487	587	F		5_2
4	1252	507	621	F	(8+12)	5_3
4	1253	530	641	M	(7+10)	5_3
4	1254	493	532	F		4_2
4	1255	583	725	M		6_3
4	1256	500	600	F		5_2
4	1257	479	584	F	(7+9)	5_3
4	1258	440	567	F	(4+9)	5_3
Aug. 4	1259	503	603	F		6_3
Aug. 5	1260	549	602	F		6_3
5	1261	528	640	F		5_3
5	1262	501	606	F	(7+9)	5_2
5	1263	486	583	F	(6+12)	5_3
5	1264	476	591	M	(6+11)	5_3
5	1265	505	622	F	(6+10)	5_3
5	1266	511	618	F		5_3
5	1267	487	591	F		4_2
5	1268	447	542	F	(8+9)	5_3 RG
5	1269	476	576	F		5_2
5	1270	515	614	F		5_2
5	1271	593	733	M		5_3
5	1272	469	569	M		4_2
5	1273	445	662	F		5_2
5	1274	475	570	F	(6+10)	5_3
5	1275	512	622	M	(7+8)	5_3
5	1276	502	613	F	(5+10)	5_3
5	1277	453	553	F	(5+9)	5_3
5	1278	450	546	F	(5+6)	5_3
5	1279	498	617	M		5_3
5	1280	338	410	F		3_2
5	1281	446	532	F	(4+7)	5_2
5	1282	527	633	F	(6+11)	5_3
5	1283	503	605	F	(6+10)	5_3
5	1284	476	565	F		4_2
5	1285	503	622	M	(7+10)	5_3
5	1286	565	720	M		5_2
5	1287	450	550	F		4_2
5	1288	485	584	F	(6+9)	5_3
5	1289	444	593	F		5_2
Aug. 6	1290	500	603	F	(7+10)	5_3
6	1291	527	663	M		5_2
6	1292	554	667	M		6_3
6	1293	455	558	M	(5+11)	5_3
6	1294	587	729	M		5_2
6	1295	565	663	F		5_2
6	1296	528	645	M	(5+9)	5_3
6	1297	470	570	M		4_2
6	1298	500	615	M	(5+10)	5_3
6	1299	460	573	F	(6+7)	5_3
6	1300	439	539	F	(7+6)	5_3

Table III: 1990 Nass River gillnet test fishery sockeye age, sex and length data (cont.).

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	Circuli Count	AGE
Aug. 6	1301	500	625	F		4_2
6	1302	401	500	F		4_2
6	1303	464	570	F	(6+10)	5_2
6	1304	523	633	F		6_3
6	1305	510	615	F	(5+11)	5_3
6	1306	503	610	F		5_3 RG
6	1307	471	560	M	(9+7)	5_3
6	1308	531	649	M	(6+10)	5_3
6	1309	501	612	F		5_3
6	1310	471	572	M		4_2
Aug. 8	1311	484	582	F	(7+7)	5_2
8	1312	473	574	F	(3+14)	5_3
8	1313	502	612	F	(7+10)	5_3
8	1314	462	562	M	(6+9)	5_3
8	1315	448	537	F		4_2^3

Note: H.P. indicates the post-orbital length in millimeters.
N/F indicates the nose fork length in millimeters.

Table IV: 1990 Nass River gillnet test fishery chinook age, sex, colour and length data.

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	COLOUR	AGE
June 7	1	780	969	M	R	5_1
	2	748	949	F	R	6_2^1
	3	544	673	M	W	4_2
June 8	4	730	901	M	R	5_2
	5	577	708	M	R	4_2
	6	619	758	M	R	5_2
	7	669	814	F	R	5_2
	8	688	844	F	R	5_2
June 10	9	758	932	F	R	$_2$ RG
	10	786	963	F	W	4M
	11	810	990	F	R	RG
	12	630	774	M	R	5_2
	13	574	708	M	R	4_2
	14	903	1135	M	W	6_2
June 11	15	795	986	M	R	6_2
	16	833	1001	F	R	6_2
June 12	17	809	995	F	R	4M
June 13	18	825	1195	F	R	RG
13	19	860	1170	F	R	RG
13	20	800	980	M	R	RG
13	21	840	990	F	R	6_2
13	22	700	855	M	R	5_2
13	23	636	785	F	R	$_2$ 3M
June 14	24	820	1005	F	R	5_2
14	25	573	703	M	R	$_2$ 2M
June 16	26	708	877	F	R	5_2
June 17	27	800	993	M	R	5_2
June 18	28	814	1033	F	R	6_2
18	29	512	640	M	R	4_2
18	30	837	1033	M	R	6_2
18	31	711	8543	F	R	$_2$ RG
18	32	563	699	F	R	4_2
June 19	33	758	966	M	R	6_2
19	34	790	968	F	R	$_2$ RG
19	35	830	1014	M	R	6_2
19	36	750	927	F	R	5_2
19	37	550	656	F	W	4_2
19	38	590	740	F	R	$_2$ 3M
June 21	39	532	658	F	R	4_2
21	40	751	935	F	W	5_2
21	41	778	979	F	R	6_2

Table IV: 1990 Nass River gillnet test fishery chinook age, sex, colour and length data.

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	COLOUR	AGE
June 21	42	551	680	F	R	4_2 2M
June 22	43	534	654	F	R	
June 24	44	812	1116	M	R	6_2
24	45	614	751	F	W	4_2
June 25	46	729	895	F	R	
25	47	570	686	F	R	
June 26	48	830	991	F	W	RG
June 27	49	790	982	M	R	4M
27	50	811	1116	F	R	6_2
27	51	820	1118	F	R	6_2
27	52	532	680	M	R	4_2
27	53	546	693	M	R	4_2
27	54	518	651	F	R	4_2
June 28	55	738	828	F	R	4_2 3M
28	56	828	1155	F	R	5_1
28	57	685	855	M	W	5_2
28	58	703	883	F	R	6_2
June 29	59	743	906	F	R	5_2
29	60	823	1028	F	R	6_1
29	61	721	918	F	R	5_2
29	62	897	989	F	R	6_2
29	63	885	971	F	R	6_2 4M
June 30	64	610	750	F	R	4_2
30	65	606	768	M	R	4_2
July 1	66	850	1048	M	W	7_3
1	67	821	1020	M	R	6_2
July 3	68	842	1057	M	R	6_2
3	69	810	990	F	W	6_2
July 8	70	798	1005	F	R	6_2
8	71	690	862	F	W	5_2
July 10	72	720	883	F	R	5_2
10	73	626	800	F	R	5_2 3M
10	74	836	1113	F	W	4M
July 11	75	716	893	F	R	5_2
July 13	76	746	947	F	R	6_2
July 14	77	739	826	F	W	6_2
14	78	826	1017	F	W	6_2
July 15	79	581	705	F	W	4_2
15	80	548	722	M	W	4_2
15	81	790	983	M	W	6_2
July 16	82	838	1012	F	W	6_2

Table IV: 1990 Nass River gillnet test fishery chinook age, sex, colour and length data.

DATE	Scale #	H.P. (mm)	N/F (mm)	SEX	COLOUR	AGE
16	83	837	1023	F	W	6_2
July 18	84	820	1000	F	R	$_2$ 4M
July 20	85	827	1011	F	W	6_2
20	86	723	888	F	R	5_2
20	87	617	755	F	W	4_2
July 21	88	850	1039	M	W	6_2
21	89	885	1110	M	R	6_2
21	90	720	908	F	W	5_2
July 22	91	838	1029	F	W	6_2
July 27	92	810	1000	F	W	$_2$ 4M
July 29	93	568	688	F	R	4_2
Aug. 1	94	887	1078	F	W	6_2
1	95	838	1000	F	R	6_2

Table V: Weekly and annual summary of sockeye age composition data from the Nass River test fishery, 1990.

Week Ending	Sex	3-1 #	3-1 %	3-2 #	3-2 %	4-1 #	4-1 %	4-2 #	4-2 %	4-3 #	4-3 %	5-2 #	5-2 %	5-3 #	5-3 %	6-3 #	6-3 %	Total # of sample
June 9	M	1	25.0									1	25.0	2	50.0			4
	F													1	100.0			1
Total	(M+F)	1	20.0									1	20.0	3	60.0			5
June 16	M	2	20.0					2	20.0			2	20.0	2	20.0	2	20.0	10
	F							1	10.0			2	20.0	6	60.0	1	10.0	10
Total	(M+F)	2	10.0					3	15.0			4	20.0	8	40.0	3	15.0	20
June 23	M	5	10.6					8	17.0			11	23.4	20	42.6	3	6.4	47
	F	3	5.3					14	24.6			9	15.8	31	54.4		0.0	57
Total	(M+F)	8	7.7					22	21.2			20	19.2	51	49.0	3	2.9	104
June 30	M	7	6.6					14	13.2			9	8.5	62	58.5	14	13.2	106
	F	8	5.2			1	0.6	31	20.1	1	0.6	20	13.0	85	55.2	8	5.2	154
Total	(M+F)	15	5.8			1	0.4	45	17.3	1	0.4	29	11.2	147	56.5	22	8.5	260
July 7	M							14	16.3			17	19.8	48	55.8	7	8.1	86
	F	1	0.8					19	15.2			18	14.4	76	60.8	11	8.8	125
Total	(M+F)	1	0.5					33	15.6			35	16.6	124	58.8	18	8.5	211
July 14	M	1	2.1					6	12.8			19	40.4	16	34.0	5	10.6	47
	F							24	25.0			20	20.8	47	49.0	5	5.2	96
Total	(M+F)	1	0.7					30	21.0			39	27.3	63	44.1	10	7.0	143
July 21	M							8	12.7			22	34.9	23	36.5	10	15.9	63
	F							31	29.0			28	26.2	40	37.4	8	7.5	107
Total	(M+F)							39	22.9			50	29.4	63	37.1	18	10.6	170
July 28	M							6	15.4	2	5.1	8	20.5	17	43.6	6	15.4	39
	F							14	19.4			13	18.1	35	48.6	10	13.9	72
Total	(M+F)							20	18.0	2	1.8	21	18.9	52	46.8	16	14.4	111
Aug.4	M							6	30.0			5	25.0	5	25.0	4	20.0	20
	F							10	20.0	1	2.0	6	12.0	27	54.0	6	12.0	50
Total	(M+F)							16	22.9	1	1.4	11	15.7	32	45.7	10	14.3	70
Aug.11	M							3	16.7			4	22.2	10	55.6	1	5.6	18
	F			1	2.8			6	16.7			7	19.4	20	55.6	2	5.6	36
Total	(M+F)			1	1.9			9	16.7			11	20.4	30	55.6	3	5.6	54
Total	Male	16	3.6					67	15.2	2	0.5	98	22.3	205	46.6	52	11.8	440
Total	Female	12	1.7	1	0.1	1	0.4	150	21.2	2	0.3	123	17.4	368	52.0	51	7.2	708
Total	(M+F)	28	2.4	1	0.1	1	0.4	217	18.9	4	0.3	221	19.3	573	49.9	103	9.0	1148

Note: There were 167 age samples not readable of 1315 samples taken.

Table VI: Weekly and annual sex, length and age data for sockeye from the Nass River test fishery, 1990.

Week Ending	Sex	3-1 H.P.	3-1 N/F	3-2 H.P.	3-2 N/F	4-1 H.P.	4-1 N/F	4-2 H.P.	4-2 N/F	4-3 H.P.	4-3 N/F	5-2 H.P.	5-2 N/F	5-3 H.P.	5-3 N/F	6-3 H.P.	6-3 N/F
June 9	M	368	445									524	658	470	576		
	F													433	547		
June 16	M	383	476					503	606			533	652	516	619	479	620
	F							436	528			526	635	474	578	537	640
June 23	M	402	503					475	584			530	652	482	587	544	667
	F	379	462					464	561			518	631	467	569		
June 30	M	421	525					489	598			532	658	478	585	542	663
	F	409	496			471	572	465	572	499	600	499	598	478	578	519	627
July 7	M							478	589			539	658	488	597	537	661
	F	385	466					451	550			511	619	469	572	514	626
July 14	M			344	412			475	579			535	654	490	606	521	636
	F							458	553			510	617	473	576	500	609
July 21	M							492	602			537	660	478	582	535	679
	F							457	553			509	616	472	568	520	629
July 28	M							499	606	340	415	508	662	497	612	549	673
	F							466	567			496	605	470	570	505	615
Aug.4	M							463	566			519	634	494	607	569	702
	F							492	591	347	418	512	618	480	583	514	619
Aug.11	M							470	570			544	682	493	603	554	667
	F			338	410			456	556			511	631	481	583	536	617
Average Length	M	393	487	344	412			483	589	340	415	530	657	489	597	537	663
	F	391	475	338	410	471	572	460	559	423	509	510	619	470	572	518	623

Table VII: Weekly and annual summary of chinook age composition data from the Nass River test fishery, 1990.

Week Ending	Sex	4-2 #	4-2 %	5-1 #	5-1 %	5-2 #	5-2 %	6-2 #	6-2 %	7-3 #	7-3 %	Total
June 9	M	2	40	1	20	2	40					5
	F					2	67	1	33			3
Total	(M+F)	2	25	1	12	4	50	1	12			8
June 16	M	1	20			2	40	2	40			5
	F					2	50	2	50			4
Total	(M+F)	1	12			4	44	4	44			9
June 23	M	1	20			1	20	3	60			5
	F	4	50			2	25	2	25			8
Total	(M+F)	5	38			3	23	5	38			13
June 30	M	3	60			1	20	1	20			5
	F	4	31	2	15	2	15	5	38			13
Total	(M+F)	7	39	2	11	3	17	6	33			18
July 7	M							2	67	1	33	3
	F							1	100			1
Total	(M+F)							3	75	1	25	4
July 14	M											
	F					3	43	4	57			7
Total	(M+F)					3	43	4	57			7
July 21	M	1	25					3	75			4
	F	2	29			2	29	3	42			7
Total	(M+F)	3	27			2	18	6	55			11
July 28	M											
	F							1	100			1
Total	(M+F)							1	100			1
Aug.4	M											
	F	1	33					2	67			3
Total	(M+F)	1	33					2	67			3
Average	M	8	23	1	3	10	28	15	43	1	3	35
	F	11	24	2	4	13	28	21	44			47
Total	(M+F)	19	23	3	4	23	28	36	44	1	1	82

Note: There were 13 age samples not readable of 95 samples taken.

Table VIII: Weekly and annual summary of sex, length, and age data for chinook from the Nass River test fishery, 1990.

Week Ending	Sex	4-2		5-1		5-2		6-2		7-3	
		M.P.	N/F	M.P.	N/F	M.P.	N/F	M.P.	N/F	M.P.	N/F
June 9	M	560	690	780	969	675	830				
	F					679	829	748	949		
June 16	M	574	708			665	814	849	1060		
	F					764	941	837	995		
June 23	M	512	640			800	993	816	1011		
	F	567	693			750	931	796	1006		
June 30	M	572	755			685	855	812	1116		
	F	566	696	785	1030	725	907	793	1003		
July 7	M							831	1039	850	1048
	F							810	990		
July 14	M										
	F					708	879	775	958		
July 21	M	548	722					829	1029		
	F	599	730			721	898	832	1014		
July 28	M										
	F							838	1029		
Aug.4	M										
	F	568	688					863	1039		
Average Length	M	553	703	780	969	706	874	818	1035	850	1040
	F	575	702	785	1030	724	897	810	998		
Average	(M+F)	564	703	783	1000	715	886	814	1017	850	1040

Table IX : NASS RIVER TEST FISHING INDICES OF ESCAPEMENT FOR SOCKEYE.

DATE	1980 DAILY	1980 CUM	1981 DAILY	1981 CUM	1982 DAILY	1982 CUM	1983 DAILY	1983 CUM	1984 DAILY	1984 CUM	1985 * DAILY	1985 * CUM
JUNE 3	2.13	2.13										
4	3.05	5.18	0.00	0.00								
5	2.80	7.98	1.33	1.33	0.17	0.17			2.14	2.14		
6	0.00	7.98	2.08	3.41	3.21	3.38			2.41	4.55		
7	0.00	7.98	1.43	4.84	3.77	7.15	0.93	0.93	1.29	5.84		
8	1.14	9.12	2.44	7.28	4.07	11.22	2.04	2.97	0.90	6.74		
9	1.43	10.55	2.56	9.84	6.17	17.39	0.57	3.54	1.85	8.59	1.94	16.78
10	1.78	12.33	3.71	13.55	12.69	30.08	0.93	4.47	5.46	14.05	1.60	18.38
11	2.50	14.83	4.47	18.02	10.95	41.03	1.66	6.13	2.41	16.46	0.49	18.87
12	2.60	17.43	6.86	24.88	2.77	43.80	4.46	10.59	4.07	20.53	1.29	20.16
13	4.44	21.87	6.05	30.93	1.00	44.80	2.59	13.18	3.89	24.42	0.37	20.53
14	3.52	25.39	6.05	36.98	0.59	45.39	3.93	17.11	3.70	28.12	2.50	23.03
15	3.64	29.03	7.04	44.02	1.89	47.28	5.13	22.24	7.54	35.66	3.17	26.20
16	8.77	37.80	6.20	50.22	3.19	50.47	6.33	28.57	8.98	44.64	2.91	29.11
17	11.00	48.80	1.33	51.55	4.48	54.95	4.47	33.04	6.61	51.25	5.52	34.63
18	13.79	62.59	5.30	56.85	8.65	63.60	5.52	38.56	4.83	56.08	7.21	41.84
19	7.24	69.83	2.37	59.22	11.77	75.37	9.32	47.88	9.43	65.51	6.11	47.95
20	6.52	76.35	5.36	64.58	17.30	92.67	6.67	54.55	9.87	75.38	5.00	52.95
21	4.88	81.23	12.00	76.58	12.81	105.48	5.34	59.89	10.31	85.69	7.10	60.05
22	6.36	87.59	15.71	92.29	5.71	111.19	3.93	63.82	6.50	92.19	8.50	68.55
23	7.60	95.19	2.68	94.97	7.68	118.87	3.57	67.39	4.61	96.80	6.24	74.79
24	6.36	101.55	1.89	96.86	9.65	128.52	3.21	70.60	3.87	100.67	11.53	86.32
25	5.42	106.97	5.26	102.12	14.19	142.71	5.00	75.60	0.00	100.67	12.55	98.87
26	7.93	114.90	8.83	110.95	21.82	164.53	2.85	78.45	0.00	100.67	15.29	114.16
27	4.90	119.80	10.64	121.59	16.66	181.19	5.83	84.28	1.04	101.71	10.81	124.97
28	4.81	124.61	11.93	133.52	15.64	196.83	10.97	95.25	2.08	103.79	6.33	131.30
29	7.68	132.29	16.66	150.18	12.26	209.09	5.00	100.25	2.96	106.75	10.99	142.29
30	8.08	140.37	15.87	166.05	9.88	218.97	5.61	105.86	9.26	116.01	3.70	145.99
JULY 1	6.29	146.66	10.17	176.22	7.00	225.97	6.21	112.07	5.29	121.30	0.00	145.99
2	3.93	150.59	5.56	181.78	9.50	235.47	10.98	123.05	17.35	138.65	2.67	148.66
3	9.64	160.23	9.68	191.46	8.98	244.45	9.51	132.56	15.00	153.65	4.19	152.85
4	8.28	168.51	12.00	203.46	6.44	250.89	11.97	144.53	11.12	164.77	6.00	158.85
5	4.26	172.77	10.83	214.29	6.38	257.27	11.45	155.98	7.24	172.01	7.81	166.66
6	3.39	176.16	9.47	223.76	3.10	260.37	9.33	165.31	8.62	180.63	12.55	179.21
7	8.78	184.94	11.93	235.69	4.77	265.14	7.63	172.94	7.19	187.82	14.17	193.38
8	4.37	189.31	2.19	237.88	6.43	271.57	5.93	178.87	7.02	194.84	15.21	208.59
9	1.54	190.85	0.89	238.77	1.96	273.53	4.11	182.98	5.19	200.03	16.58	225.17
10	1.66	192.51	2.83	241.60	11.36	284.89	2.98	185.96	5.37	205.40	4.67	229.84
11	1.88	194.39	3.33	244.93	17.83	302.72	3.16	189.12	5.54	210.94	6.86	236.70
12	0.96	195.35	6.11	251.04	9.67	312.39	5.92	195.04	7.33	218.27	9.06	245.76
13	2.20	197.55	10.97	262.01	0.73	313.12	5.32	200.36	4.65	222.92	11.25	257.01
14	3.08	200.63	7.64	269.65	3.20	316.32	6.16	206.52	11.23	234.15	13.88	270.89
15	1.73	202.36	6.55	276.20	5.66	321.98	7.00	213.52	9.12	243.27	14.13	285.02
16	3.08	205.44	7.03	283.23	5.08	327.06	7.46	220.98	9.17	252.44	8.00	293.02
17	8.21	213.65	8.97	292.20	9.49	336.55	8.18	229.16	9.33	261.77	8.75	301.77
18	3.78	217.43	8.59	300.79	10.48	347.03	7.03	236.19	6.39	268.16	8.98	310.75
19	1.67	219.10	7.12	307.91	11.67	358.70	8.19	244.38	3.45	271.61	9.21	319.96
20	3.72	222.82	4.92	312.83	11.00	369.70	4.51	248.89	6.45	278.06	14.00	333.96
21	5.71	228.53	10.65	323.48	8.34	378.04	3.12	252.01	9.18	287.24	14.30	348.26
22	6.94	235.47	6.33	329.81	5.67	383.71	1.72	253.73	10.97	298.21	11.01	359.27
23	7.22	242.69	10.32	340.13	6.89	390.60	1.97	255.70	5.34	303.55	10.79	370.06
24	3.04	245.73	9.63	349.76	8.33	398.93	3.28	258.98	1.97	305.52	5.48	375.54
25	1.70	247.43	8.28	358.04	6.50	405.43	5.71	264.69	3.09	308.61	6.71	382.25
26	1.13	248.56	15.28	373.32	7.66	413.09	5.93	270.62	4.21	312.82	5.53	387.78
27	4.28	252.84	14.06	387.38	8.39	421.48	0.94	271.56	2.30	315.12	5.95	393.73
28		252.84		387.38	5.74	427.22	1.31	272.87	0.93	316.05	7.90	401.63
29		252.84		387.38		427.22	1.02	273.89	2.58	318.63	9.94	411.57
30		252.84		387.38		427.22	4.12	278.01	2.14	320.77	3.26	414.83
31		252.84		387.38		427.22	6.89	284.90	0.74	321.51	1.56	416.39
AUG. 1		252.84		387.38		427.22		284.90		321.51		416.39
2		252.84		387.38		427.22		284.90		321.51		416.39
3		252.84		387.38		427.22		284.90		321.51		416.39
4		252.84		387.38		427.22		284.90		321.51		416.39
5		252.84		387.38		427.22		284.90		321.51		416.39
6		252.84		387.38		427.22		284.90		321.51		416.39
7		252.84		387.38		427.22		284.90		321.51		416.39
8		252.84		387.38		427.22		284.90		321.51		416.39
9		252.84		387.38		427.22		284.90		321.51		416.39

* - In 1985 start-up problems resulted in the 10 year average to June 8 being used as a starting point.

Table IX : NASS RIVER TEST FISHING INDICES OF ESCAPEMENT FOR SOCKEYE.

DATE	1986 DAILY	1986 CUM	1987 DAILY	1987 CUM	1988 DAILY	1988 CUM	1989 DAILY	1989 CUM	10 YR CUM AVG	1990 DAILY	1990 CUM
JUNE 3	0.16	0.16	0.00	0.00			0.37	0.37	0.27	0.00	0.00
4	0.00	0.16	0.17	0.17			0.00	0.37	0.59	0.00	0.00
5	0.00	0.16	0.34	0.51			0.22	0.59	1.29	0.00	0.00
6	0.00	0.16	0.17	0.68	0.00	0.00	0.00	0.59	2.08	0.00	0.00
7	0.00	0.16	0.38	1.06	0.00	0.00	0.87	1.46	2.94	0.35	0.35
8	0.00	0.16	0.38	1.44	0.00	0.00	0.70	2.16	4.11	0.24	0.59
9	0.00	0.16	0.16	1.60	0.19	0.19	0.70	2.86	7.15	0.37	0.96
10	0.00	0.16	0.00	1.60	0.57	0.76	2.07	4.93	10.03	0.89	1.85
11	0.00	0.16	0.21	1.81	0.57	1.33	0.75	5.68	12.43	0.65	2.50
12	0.00	0.16	0.42	2.23	1.31	2.64	1.96	7.64	15.01	0.36	2.86
13	0.60	0.76	0.63	2.86	1.85	4.49	3.16	10.80	17.46	0.94	3.80
14	1.19	1.95	0.84	3.70	3.51	8.00	2.38	13.18	20.29	2.33	6.13
15	1.03	2.98	1.05	4.75	3.05	11.05	1.51	14.69	23.79	0.22	6.35
16	0.18	3.16	4.80	9.55	2.05	13.10	1.09	15.78	28.24	0.40	6.75
17	0.97	4.13	3.24	12.79	1.05	14.15	0.74	16.52	32.18	0.52	7.27
18	2.62	6.75	3.68	16.47	2.36	16.51	2.32	18.84	37.81	1.29	8.56
19	5.22	11.97	5.16	21.63	1.43	17.94	6.18	25.02	44.23	3.88	12.44
20	3.12	15.09	6.24	27.87	6.56	24.50	4.67	29.69	51.36	6.32	18.76
21	1.02	16.11	3.93	31.80	7.17	31.67	1.85	31.54	58.00	5.34	24.10
22	3.06	19.17	4.12	35.92	7.04	38.71	2.10	33.64	64.31	2.15	26.25
23	4.00	23.17	4.30	40.22	6.91	45.62	4.44	38.08	69.51	1.47	27.72
24	4.13	27.30	5.00	45.22	6.77	52.39	2.11	40.19	74.96	2.59	30.31
25	3.21	30.51	5.89	51.11	5.05	57.44	2.46	42.65	80.87	1.13	31.44
26	3.81	34.32	6.78	57.89	6.72	64.16	3.04	45.69	88.57	8.72	40.16
27	6.62	40.94	4.52	62.41	12.09	76.25	3.54	49.23	96.24	12.52	52.68
28	9.43	50.37	3.89	66.30	14.61	90.86	4.56	53.79	104.66	12.37	65.05
29	12.63	63.00	4.39	70.69	6.18	97.04	3.60	57.39	112.90	9.69	74.74
30	9.55	72.55	5.16	75.85	5.06	102.10	2.64	60.03	120.38	8.86	83.60
JULY 1	13.42	85.97	4.49	80.34	3.94	106.04	2.81	62.84	126.34	6.14	89.74
2	10.27	96.24	3.82	84.16	2.83	108.87	3.75	66.59	133.41	1.11	90.85
3	8.53	104.77	3.15	87.31	8.70	117.57	3.89	70.48	141.53	5.79	96.64
4	8.54	113.31	2.50	89.81	6.19	123.76	3.75	74.23	149.21	6.92	103.56
5	8.54	121.85	5.20	95.01	5.71	129.47	7.34	81.57	156.69	9.39	112.95
6	5.67	127.52	3.80	98.81	3.57	133.04	7.52	89.09	163.39	6.29	119.24
7	3.69	131.21	6.85	105.66	8.23	141.27	7.70	96.79	171.48	9.77	129.01
8	0.63	131.84	9.38	115.04	12.88	154.15	7.87	104.66	178.68	5.29	134.30
9	3.88	135.72	6.84	121.88	12.58	166.73	9.09	113.75	184.94	6.33	140.63
10	3.13	138.85	4.30	126.18	14.21	180.94	14.05	127.80	191.40	3.12	143.75
11	4.45	143.30	8.63	134.81	8.94	189.88	13.39	141.19	198.80	3.22	146.97
12	5.76	149.06	6.74	141.55	6.00	195.88	6.04	147.23	205.16	4.39	151.36
13	11.23	160.29	7.15	148.70	4.33	200.21	5.83	153.06	211.52	3.77	155.13
14	9.93	170.22	14.70	163.40	4.20	204.41	5.61	158.67	219.49	6.67	161.80
15	5.04	175.26	2.14	165.54	4.07	208.48	7.24	165.91	225.75	5.29	167.09
16	0.64	175.90	3.19	168.73	5.22	213.70	9.46	175.37	231.59	5.71	172.80
17	1.69	177.59	4.23	172.96	6.78	220.48	10.51	185.88	239.20	3.26	176.06
18	2.92	180.51	10.54	183.50	7.56	228.04	8.57	194.45	246.69	3.67	179.73
19	4.15	184.66	9.52	193.02	5.79	233.83	4.64	199.09	253.23	4.10	183.83
20	15.24	199.90	7.55	200.57	2.76	236.59	3.94	203.03	260.64	4.42	188.25
21	8.73	208.63	7.23	207.80	2.65	239.24	3.24	206.27	267.95	7.01	195.26
22	10.34	218.97	1.94	209.74	2.54	241.78	2.86	209.13	273.98	9.18	204.44
23	3.75	222.72	1.53	211.27	1.45	243.23	5.04	214.17	279.41	3.03	207.47
24	3.54	226.26	0.76	212.03	2.50	245.73	6.79	220.96	283.94	3.70	211.17
25	3.33	229.59	0.86	212.89	5.85	251.58	4.32	225.28	288.58	2.64	213.81
26	3.12	232.71	1.78	214.67	2.45	254.03	4.26	229.54	293.71	1.24	215.05
27	6.47	239.18	3.09	217.76	0.24	254.27	4.20	233.74	298.71	2.88	217.93
28	11.24	250.42	3.36	221.12	2.22	256.49	4.14	237.88	302.39	4.39	222.32
29	5.56	255.98	3.86	224.98	2.33	258.82	5.17	243.05	305.44	4.33	226.65
30	1.82	257.80	2.60	227.58		258.82	4.82	247.87	307.31	1.05	227.70
31	2.51	260.31	0.51	228.09		258.82	3.27	251.14	308.86	2.02	229.72
AUG. 1	3.20	263.51		228.09		258.82	3.68	254.82	309.55	3.97	233.69
2	3.88	267.39		228.09		258.82	3.12	257.94	310.25	1.54	235.23
3	3.33	270.72		228.09		258.82	2.77	260.71	310.86	0.88	236.11
4	4.00	274.72		228.09		258.82	2.43	263.14	311.50	2.44	238.55
5	3.69	278.41		228.09		258.82	2.09	265.23	312.08	4.96	243.51
6	1.57	279.98		228.09		258.82	1.52	266.75	312.39	2.14	245.65
7		279.98		228.09		258.82	2.45	269.20	312.63	1.52	247.17
8		279.98		228.09		258.82	2.12	271.32	312.85		247.17
9		279.98		228.09		258.82	2.59	273.91	313.10		247.17

* - In 1985 start-up problems resulted in the 10 year average to June 8 being used as a starting point.

Table X : NASS RIVER TEST FISHING ESTIMATE OF ESCAPEMENT FOR SOCKEYE.

DATE	1980 CUM	1980 ESC	1981 CUM	1981 ESC	1982 CUM	1982 ESC	1983 CUM	1983 ESC	1984 CUM	1984 ESC	1985 * CUM	1985 * ESC
JUNE 3	2.13	1374										
4	5.18	3341	0.00	0								
5	7.98	5147	1.33	912	0.17	128			2.14	1289		
6	7.98	5147	3.41	2338	3.38	2542			4.55	2741		
7	7.98	5147	4.84	3318	7.15	5376	0.93	629	5.84	3518		
8	9.12	5883	7.28	4991	11.22	8437	2.97	2010	6.74	4060		
9	10.55	6805	9.84	6747	17.39	13077	3.54	2395	8.59	5174	16.78	15046
10	12.33	7953	13.55	9290	30.08	22619	4.47	3025	14.05	8463	18.38	16480
11	14.83	9566	18.02	12355	41.03	30853	6.13	4148	16.46	9914	18.87	16919
12	17.43	11243	24.88	17058	43.80	32936	10.59	7166	20.53	12366	20.16	18076
13	21.87	14107	30.93	21206	44.80	33688	13.18	8918	24.42	14709	20.53	18408
14	25.39	16377	36.98	25354	45.39	34131	17.11	11578	28.12	16937	23.03	20649
15	29.03	18725	44.02	30181	47.28	35553	22.24	15049	35.66	21479	26.20	23492
16	37.80	24382	50.22	34432	50.47	37951	28.57	19332	44.64	26887	29.11	26101
17	48.80	31477	51.55	35344	54.95	41320	33.04	22357	51.25	30869	34.63	31050
18	62.59	40372	56.85	38978	63.60	47824	38.56	26092	56.08	33778	41.84	37515
19	69.83	45042	59.22	40602	75.37	56675	47.88	32399	65.51	39458	47.95	42994
20	76.35	49248	64.58	44277	92.67	69684	54.55	36912	75.38	45402	52.95	47477
21	81.23	52395	76.58	52505	105.48	79316	59.89	40525	85.69	51612	60.05	53843
22	87.59	56498	92.29	63276	111.19	83610	63.82	43185	92.19	55527	68.55	61464
23	95.19	61400	94.97	65113	118.87	89385	67.39	45600	96.80	58304	74.79	67059
24	101.55	65502	96.86	66409	128.52	96641	70.60	47773	100.67	60635	86.32	77397
25	106.97	68998	102.12	70016	142.71	107312	75.60	51156	100.67	60635	98.87	88650
26	114.90	74113	110.95	76070	164.53	123719	78.45	53084	100.67	60635	114.16	102360
27	119.80	77274	121.59	83365	181.19	136247	84.28	57029	101.71	61261	124.97	112052
28	124.61	80377	133.52	91544	196.83	148008	95.25	64452	103.79	62514	131.30	117728
29	132.29	85330	150.18	102967	209.09	157227	100.25	67836	106.75	64297	142.29	127582
30	140.37	90542	166.05	113847	218.97	164656	105.86	71632	116.01	69874	145.99	130899
JULY 1	146.66	94599	176.22	120820	225.97	169920	112.07	75834	121.30	73061	145.99	130899
2	150.59	97134	181.78	124632	235.47	177063	123.05	83264	138.65	83511	148.66	133293
3	160.23	103352	191.46	131269	244.45	183816	132.56	89699	153.65	92546	152.85	137050
4	168.51	108693	203.46	139497	250.89	188658	144.53	97798	164.77	99243	158.85	142430
5	172.77	111441	214.29	146922	257.27	193456	155.98	105546	172.01	103604	166.66	149433
6	176.16	113628	223.76	153415	260.37	195787	165.31	111860	180.63	108796	179.21	160686
7	184.94	119291	235.69	161594	265.14	199374	172.94	117023	187.82	113127	193.38	173391
8	189.31	122110	237.88	163096	271.57	204209	178.87	121035	194.84	117355	208.59	187029
9	190.85	123103	238.77	163706	273.53	205683	182.98	123816	200.03	120481	225.17	201895
10	192.51	124174	241.60	165646	284.89	214225	185.96	125833	205.40	123715	229.84	206082
11	194.39	125386	244.93	167929	302.72	227632	189.12	127971	210.94	127052	236.70	212233
12	195.35	126006	251.04	172118	312.39	234904	195.04	131977	218.27	131467	245.76	220357
13	197.55	127425	262.01	179640	313.12	235453	200.36	135577	222.92	134268	257.01	230444
14	200.63	129411	269.65	184878	316.32	237859	206.52	139745	234.15	141032	270.89	242889
15	202.36	130527	276.20	189369	321.98	242115	213.52	144482	243.27	146525	285.02	255558
16	205.44	132514	283.23	194189	327.06	245935	220.98	149530	252.44	152048	293.02	262731
17	213.65	137809	292.20	200339	336.55	253071	229.16	155065	261.77	157668	301.77	270577
18	217.43	140248	300.79	206228	347.03	260952	236.19	159822	268.16	161517	310.75	278629
19	219.10	141325	307.91	211110	358.70	269727	244.38	165364	271.61	163595	319.96	286887
20	222.82	143724	312.83	214483	369.70	277998	248.89	168415	278.06	167479	333.96	299440
21	228.53	147407	323.48	221785	378.04	284270	252.01	170526	287.24	173009	348.26	312261
22	235.47	151884	329.81	226125	383.71	288533	253.73	171690	298.21	179616	359.27	322133
23	242.69	156541	340.13	233200	390.60	293714	255.70	173023	303.55	182832	370.06	331808
24	245.73	158502	349.76	239803	398.93	299978	258.98	175243	305.52	184019	375.54	336722
25	247.43	159598	358.04	245480	405.43	304866	264.69	179107	308.61	185880	382.25	342738
26	248.56	160327	373.32	255956	413.09	310626	270.62	183119	312.82	188416	387.78	347696
27	252.84	163088	387.38	265596	421.48	316935	271.56	183755	315.12	189801	393.73	353031
28	252.84	163088	387.38	265596	427.22	321251	272.87	184642	316.05	190361	401.63	360115
29	252.84	163088	387.38	265596	427.22	321251	273.89	185332	318.63	191915	411.57	369027
30	252.84	163088	387.38	265596	427.22	321251	278.01	188120	320.77	193204	414.83	371950
31	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
AUG. 1	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
2	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
3	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
4	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
5	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
6	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
7	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
8	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349
9	252.84	163088	387.38	265596	427.22	321251	284.90	192782	321.51	193650	416.39	373349

* - In 1985 start-up problems resulted in the 10 year average to June 8 being used as a starting point.

Table X : NASS RIVER TEST FISHING ESTIMATE OF ESCAPEMENT FOR SOCKEYE.

DATE		1986		1987		1988		1989		10 YR AVG		1990	
		CUM	ESC	CUM	ESC	CUM	ESC	CUM	ESC	CUM	ESC	CUM	ESC
JUNE	3	0.16	113	0.00	0			0.37	250	174		0.00	0
	4	0.16	113	0.17	142			0.37	250	385		0.00	0
	5	0.16	113	0.51	427			0.59	398	841		0.00	0
	6	0.16	113	0.68	570	0.00	0	0.59	398	1385		0.00	0
	7	0.16	113	1.06	889	0.00	0	1.46	986	1998		0.35	219
	8	0.16	113	1.44	1207	0.00	0	2.16	1458	2816		0.59	369
	9	0.16	113	1.60	1341	0.19	107	2.86	1931	5273		0.96	600
	10	0.16	113	1.60	1341	0.76	427	4.93	3328	7304		1.85	1156
	11	0.16	113	1.81	1517	1.33	747	5.68	3834	8997		2.50	1563
	12	0.16	113	2.23	1869	2.64	1484	7.64	5157	10747		2.86	1788
	13	0.76	535	2.86	2397	4.49	2523	10.80	7290	12378		3.80	2375
	14	1.95	1373	3.70	3101	8.00	4496	13.18	8897	14289		6.13	3831
	15	2.98	2098	4.75	3982	11.05	6210	14.69	9916	16668		6.35	3969
	16	3.16	2225	9.55	8005	13.10	7362	15.78	10652	19733		6.75	4219
	17	4.13	2907	12.79	10721	14.15	7952	16.52	11151	22515		7.27	4544
	18	6.75	4752	16.47	13806	16.51	9279	18.84	12717	26511		8.56	5350
	19	11.97	8426	21.63	18131	17.94	10082	25.02	16889	31070		12.44	7775
	20	15.09	10623	27.87	23361	24.50	13769	29.69	20041	36079		18.76	11725
	21	16.11	11341	31.80	26655	31.67	17799	31.54	21290	40728		24.10	15063
	22	19.17	13495	35.92	30109	38.71	21755	33.64	22707	45163		26.25	16406
	23	23.17	16311	40.22	33713	45.62	25638	38.08	25704	48823		27.72	17325
	24	27.30	19218	45.22	37904	52.39	29443	40.19	27128	52805		30.31	18944
	25	30.51	21478	51.11	42842	57.44	32281	42.65	28789	57216		31.44	19650
	26	34.32	24160	57.89	48525	64.16	36058	45.69	30841	62957		40.16	25100
	27	40.94	28820	62.41	52313	76.25	42853	49.23	33230	68445		52.68	32925
	28	50.37	35459	66.30	55574	90.86	51063	53.79	36308	74303		65.05	40656
	29	63.00	44350	70.69	59254	97.04	54537	57.39	38738	80212		74.74	46713
	30	72.55	51073	75.85	63579	102.10	57380	60.03	40520	85400		83.60	52250
JULY	1	85.97	60520	80.34	67343	106.04	59595	62.84	42417	89501		89.74	56088
	2	96.24	67750	84.16	70545	108.87	61185	66.59	44948	94333		90.85	56781
	3	104.77	73755	87.31	73185	117.57	66074	70.48	47574	99832		96.64	60400
	4	113.31	79767	89.81	75281	123.76	69553	74.23	50105	105103		103.56	64725
	5	121.85	85779	95.01	79639	129.47	72762	81.57	55060	110364		112.95	70594
	6	127.52	89770	98.81	82825	133.04	74769	89.09	60136	115167		119.24	74525
	7	131.21	92368	105.66	88567	141.27	79394	96.79	65333	120946		129.01	80631
	8	131.84	92811	115.04	96429	154.15	86632	104.66	70646	126135		134.30	83938
	9	135.72	95543	121.88	102162	166.73	93702	113.75	76781	130687		140.63	87894
	10	138.85	97746	126.18	105767	180.94	101688	127.80	86265	135114		143.75	89844
	11	143.30	100879	134.81	113001	189.88	106713	141.19	95303	140410		146.97	91856
	12	149.06	104933	141.55	118650	195.88	110085	147.23	99380	144988		151.36	94600
	13	160.29	112839	148.70	124644	200.21	112518	153.06	103316	149612		155.13	96956
	14	170.22	119829	163.40	136965	204.41	114879	158.67	107102	155459		161.80	101125
	15	175.26	123377	165.54	138759	208.48	117166	165.91	111989	159987		167.09	104431
	16	175.90	123828	168.73	141433	213.70	120100	175.37	118375	164068		172.80	108000
	17	177.59	125018	172.96	144979	220.48	123910	185.88	125469	169390		176.06	110038
	18	180.51	127073	183.50	153814	228.04	128159	194.45	131254	174769		179.73	112331
	19	184.66	129995	193.02	161794	233.83	131413	199.09	134386	179559		183.83	114894
	20	199.90	140723	200.57	168122	236.59	132964	203.03	137045	185039		188.25	117656
	21	208.63	146869	207.80	174182	239.24	134453	206.27	139232	190400		195.26	122038
	22	218.97	154148	209.74	175809	241.78	135881	209.13	141163	194698		204.44	127775
	23	222.72	156788	211.27	177091	243.23	136695	214.17	144565	198626		207.47	129669
	24	226.26	159280	212.03	177728	245.73	138100	220.96	149148	201852		211.17	131981
	25	229.59	161624	212.89	178449	251.58	141388	225.28	152064	205119		213.81	133631
	26	232.71	163820	214.67	179941	254.03	142765	229.54	154940	208761		215.05	134406
	27	239.18	168375	217.76	182531	254.27	142900	233.74	157775	212379		217.93	136206
	28	250.42	176288	221.12	185348	256.49	144148	237.88	160569	215140		222.32	138950
	29	255.98	180202	224.98	188583	258.82	145457	243.05	164059	217451		226.65	141656
	30	257.80	181483	227.58	190763	258.82	145457	247.87	167312	218822		227.70	142313
	31	260.31	183250	228.09	191190	258.82	145457	251.14	169520	219913		229.72	143575
AUG.	1	263.51	185503	228.09	191190	258.82	145457	254.82	172004	220387		233.69	146056
	2	267.39	188234	228.09	191190	258.82	145457	257.94	174110	220871		235.23	147019
	3	270.72	190578	228.09	191190	258.82	145457	260.71	175979	221292		236.11	147569
	4	274.72	193394	228.09	191190	258.82	145457	263.14	177620	221738		238.55	149094
	5	278.41	195992	228.09	191190	258.82	145457	265.23	179030	222139		243.51	152194
	6	279.98	197097	228.09	191190	258.82	145457	266.75	180056	222352		245.65	153531
	7	279.98	197097	228.09	191190	258.82	145457	269.20	181710	222517		247.17	154481
	8	279.98	197097	228.09	191190	258.82	145457	271.32	183141	222660		247.17	154481
	9	279.98	197097	228.09	191190	258.82	145457	273.91	184889	222835		247.17	154481

Table XI: NASS RIVER TEST FISHING INDICIES OF ESCAPEMENT FOR CHINOOK.

DATE	1980 DAILY	1980 CUM	1981 DAILY	1981 CUM	1982 DAILY	1982 CUM	1983 DAILY	1983 CUM	1984 DAILY	1984 CUM	1985 * DAILY	1985 * CUM
JUNE 3	1.36	1.36										
4	0.82	2.18	0.51	0.51								
5	1.09	3.27	0.38	0.89	0.17	0.17			0.36	0.36		
6	0.68	3.95	0.61	1.50	0.36	0.53			2.96	3.32		
7	0.00	3.95	1.79	3.29	0.49	1.02	2.04	2.04	0.90	4.22		
8	0.37	4.32	N/A	3.29	0.17	1.19	2.04	4.08	0.74	4.96		
9	0.38	4.70	N/A	3.29	0.84	2.03	1.51	5.59	0.56	5.52		
10	0.74	5.44	N/A	3.29	0.79	2.82	1.50	7.09	0.18	5.70	3.84	8.96
11	0.36	5.80	N/A	3.29	0.63	3.45	0.93	8.02	0.74	6.44	0.99	9.95
12	0.00	5.80	N/A	3.29	0.00	3.45	0.89	8.91	0.00	6.44	0.00	9.95
13	0.34	6.14	N/A	3.29	0.24	3.69	0.74	9.65	0.74	7.18	1.10	11.05
14	0.19	6.33	N/A	3.29	0.00	3.69	2.14	11.79	1.48	8.66	1.96	13.01
15	1.31	7.64	N/A	3.29	0.23	3.92	2.74	14.53	5.57	14.23	6.67	19.68
16	2.44	10.08	N/A	3.29	0.46	4.38	3.33	17.86	2.88	17.11	2.91	22.59
17	1.83	11.91	0.00	3.29	0.68	5.06	2.50	20.36	5.43	22.54	2.24	24.83
18	2.71	14.62	1.70	4.99	0.83	5.89	3.98	24.34	3.79	26.33	2.30	27.13
19	0.71	15.33	0.72	5.71	0.31	6.20	3.33	27.67	4.57	30.90	1.32	28.45
20	0.72	16.05	1.82	7.53	0.15	6.35	1.40	29.07	3.23	34.13	0.33	28.78
21	0.36	16.41	1.74	9.27	0.31	6.66	3.10	32.17	1.88	36.01	1.94	30.72
22	1.58	17.99	2.60	11.87	0.36	7.02	0.71	32.88	3.13	39.14	1.10	31.82
23	1.95	19.94	0.70	12.57	0.35	7.37	0.54	33.42	1.45	40.59	1.12	32.94
24	1.26	21.20	0.19	12.76	0.34	7.71	0.36	33.78	0.64	41.23	1.61	34.55
25	0.83	22.03	0.34	13.10	0.96	8.67	0.86	34.64	0.00	41.23	2.19	36.74
26	1.03	23.06	0.35	13.45	0.71	9.38	1.36	36.00	0.45	41.68	1.76	38.50
27	0.72	23.78	0.33	13.78	0.47	9.85	1.50	37.50	0.70	42.38	0.88	39.38
28	0.38	24.16	1.96	15.74	0.48	10.33	1.13	38.63	0.95	43.33	0.00	39.38
29	1.07	25.23	0.33	16.07	0.55	10.88	2.83	41.46	0.74	44.07	1.69	41.07
30	0.38	25.61	0.70	16.77	0.62	11.50	1.42	42.88	1.48	45.55	0.00	41.07
JULY 1	1.26	26.87	0.00	16.77	0.68	12.18	0.00	42.88	2.55	48.10	0.35	41.42
2	1.13	28.00	0.73	17.50	0.52	12.70	2.29	45.17	1.57	49.67	0.33	41.75
3	0.36	28.36	0.33	17.83	0.51	13.21	0.00	45.17	2.42	52.09	0.48	42.23
4	1.02	29.38	0.00	17.83	0.31	13.52	0.50	45.67	2.25	54.34	0.24	42.47
5	0.00	29.38	0.34	18.17	0.51	14.03	0.64	46.31	2.07	56.41	0.00	42.47
6	0.37	29.75	0.33	18.50	1.39	15.42	0.00	46.31	0.86	57.27	0.41	42.88
7	0.53	30.28	1.30	19.80	0.88	16.30	0.34	46.65	0.70	57.97	0.12	43.00
8	0.54	30.82	1.90	21.70	0.36	16.66	0.68	47.33	1.03	59.00	0.99	43.99
9	1.89	32.71	0.00	21.70	0.54	17.20	1.07	48.40	0.37	59.37	0.00	43.99
10	0.42	33.13	0.37	22.07	0.16	17.36	1.23	49.63	0.54	59.91	0.00	43.99
11	0.00	33.13	0.88	22.95	0.50	17.86	1.23	50.86	0.71	60.62	0.21	44.20
12	0.96	34.09	0.00	22.95	0.82	18.68	0.74	51.60	0.71	61.33	0.42	44.62
13	0.00	34.09	0.00	22.95	0.00	18.68	0.52	52.12	0.71	62.04	0.63	45.25
14	0.00	34.09	0.35	23.30	0.51	19.19	0.57	52.69	2.23	64.27	0.68	45.93
15	0.38	34.47	0.00	23.30	1.02	20.21	0.61	53.30	0.53	64.80	0.70	46.63
16	0.00	34.47	0.35	23.65	0.84	21.05	0.47	53.77	2.17	66.97	0.17	46.80
17	1.09	35.56	0.00	23.65	0.17	21.22	0.15	53.92	1.00	67.97	0.94	47.74
18	0.74	36.30	0.69	24.34	0.32	21.54	0.49	54.41	1.19	69.16	0.47	48.21
19	0.93	37.23	0.00	24.34	0.67	22.21	0.15	54.56	1.38	70.54	0.00	48.21
20	0.19	37.42	0.18	24.52	0.66	22.87	0.00	54.56	1.76	72.30	1.60	49.81
21	0.00	37.42	0.33	24.85	0.33	23.20	0.16	54.72	0.82	73.12	0.00	49.81
22	0.39	37.81	1.33	26.18	0.00	23.20	0.31	55.03	0.32	73.44	0.58	50.39
23	0.00	37.81	0.30	26.48	0.34	23.54	0.00	55.03	1.04	74.48	0.26	50.65
24	0.42	38.23	0.37	26.85	0.17	23.71	0.35	55.38	0.36	74.84	0.00	50.65
25	0.56	38.79	0.89	27.74	0.67	24.38	0.32	55.70	0.27	75.11	0.29	50.94
26	0.00	38.79	0.18	27.92	0.16	24.54	0.00	55.70	0.18	75.29	0.39	51.33
27	0.00	38.79	0.00	27.92	0.16	24.70	0.32	56.02	0.52	75.81	0.14	51.47
28	0.00	38.79	0.00	27.92	0.17	24.87	0.33	56.35	0.74	76.55	0.25	51.72
29		38.79		27.92		24.87	0.00	56.35	0.00	76.55	0.24	51.96
30		38.79		27.92		24.87	0.00	56.35	0.72	77.27	0.31	52.27
31		38.79		27.92		24.87	0.00	56.35	0.00	77.27	0.00	52.27
AUG. 1		38.79		27.92		24.87		56.35		77.27		52.27
2		38.79		27.92		24.87		56.35		77.27		52.27
3		38.79		27.92		24.87		56.35		77.27		52.27
4		38.79		27.92		24.87		56.35		77.27		52.27
5		38.79		27.92		24.87		56.35		77.27		52.27
6		38.79		27.92		24.87		56.35		77.27		52.27
7		38.79		27.92		24.87		56.35		77.27		52.27
8		38.79		27.92		24.87		56.35		77.27		52.27
9		38.79		27.92		24.87		56.35		77.27		52.27

* - In 1985 start-up problems resulted in the 10 year average to June 8 being used as a starting point.

Table XI: NASS RIVER TEST FISHING INDICIES OF ESCAPEMENT FOR CHINOOK.

DATE	1986 DAILY	1986 CUM	1987 DAILY	1987 CUM	1988 DAILY	1988 CUM	1989 DAILY	1989 CUM	10 YR CUM AVG	1990 DAILY	1990 CUM
JUNE 3	2.90	2.90	0.38	0.38			0.19	0.19	0.48	0.00	0.00
4	1.03	3.93	0.19	0.57			0.00	0.19	0.74	0.00	0.00
5	1.07	5.00	0.00	0.57			0.00	0.19	1.05	0.00	0.00
6	1.11	6.11	0.52	1.09	1.71	1.71	0.00	0.19	1.84	0.00	0.00
7	0.65	6.76	0.57	1.66	0.75	2.46	0.35	0.54	2.59	0.71	0.71
8	0.00	6.76	0.19	1.85	0.32	2.78	0.70	1.24	3.05	0.71	1.42
9	0.36	7.12	0.16	2.01	0.75	3.53	2.43	3.67	3.75	0.73	2.15
10	0.00	7.12	0.00	2.01	0.38	3.91	2.24	5.91	5.23	1.07	3.22
11	0.16	7.28	0.35	2.36	0.76	4.67	0.75	6.66	5.79	0.97	4.19
12	1.07	8.35	0.70	3.06	1.31	5.98	0.73	7.39	6.26	0.54	4.73
13	2.06	10.41	1.05	4.11	2.41	8.39	0.70	8.09	7.20	1.32	6.05
14	3.05	13.46	1.40	5.51	1.23	9.62	1.78	9.87	8.52	0.67	6.72
15	2.41	15.87	1.75	7.26	0.00	9.62	0.22	10.09	10.61	0.00	6.72
16	1.26	17.13	2.40	9.66	0.35	9.97	1.45	11.54	12.36	0.81	7.53
17	2.42	19.55	5.74	15.40	0.70	10.67	1.30	12.84	14.65	0.78	8.31
18	2.31	21.86	3.04	18.44	0.55	11.22	1.25	14.09	16.89	1.51	9.82
19	4.93	26.79	1.45	19.89	1.07	12.29	2.28	16.37	18.96	2.24	12.06
20	2.97	29.76	2.08	21.97	1.28	13.57	1.68	18.05	20.53	1.05	13.11
21	1.02	30.78	0.82	22.79	3.59	17.16	1.85	19.90	22.19	0.34	13.45
22	1.45	32.23	0.41	23.20	3.04	20.20	1.82	21.72	23.81	0.00	13.45
23	2.33	34.56	0.00	23.20	2.49	22.69	1.78	23.50	25.08	0.18	13.63
24	1.59	36.15	1.33	24.53	1.94	24.63	0.70	24.20	26.07	0.37	14.00
25	2.75	38.90	0.84	25.37	0.72	25.35	0.82	25.02	27.11	0.57	14.57
26	3.17	42.07	0.34	25.71	1.03	26.38	0.36	25.38	28.16	0.51	15.08
27	2.16	44.23	0.70	26.41	0.93	27.31	1.42	26.80	29.14	1.44	16.52
28	1.14	45.37	0.71	27.12	0.85	28.16	2.11	28.91	30.11	1.69	18.21
29	0.39	45.76	0.65	27.77	0.36	28.52	1.43	30.34	31.12	4.38	22.59
30	0.60	46.36	0.16	27.93	0.42	28.94	0.75	31.09	31.77	0.57	23.16
JULY 1	0.66	47.02	0.12	28.05	0.48	29.42	1.40	32.49	32.52	0.23	23.39
2	0.96	47.98	0.08	28.13	0.53	29.95	1.79	34.28	33.51	0.00	23.39
3	0.80	48.78	0.04	28.17	1.39	31.34	1.06	35.34	34.25	0.75	24.14
4	0.40	49.18	0.00	28.17	1.06	32.40	1.25	36.59	34.96	0.37	24.51
5	0.00	49.18	0.20	28.37	0.36	32.76	0.00	36.59	35.37	0.52	25.03
6	0.14	49.32	0.60	28.97	0.36	33.12	0.11	36.70	35.82	0.32	25.35
7	0.31	49.63	0.36	29.33	0.69	33.81	0.22	36.92	36.37	0.78	26.13
8	0.47	50.10	0.31	29.64	1.02	34.83	0.33	37.25	37.13	0.33	26.46
9	0.47	50.57	0.65	30.29	0.45	35.28	0.50	37.75	37.73	0.00	26.46
10	1.56	52.13	0.99	31.28	0.14	35.42	0.66	38.41	38.33	0.73	27.19
11	0.78	52.91	1.05	32.33	0.45	35.87	0.52	38.93	38.97	0.68	27.87
12	0.00	52.91	0.00	32.33	0.33	36.20	0.75	39.68	39.44	0.16	28.03
13	0.14	53.05	0.81	33.14	0.67	36.87	0.38	40.06	39.83	0.49	28.52
14	0.71	53.76	1.69	34.83	0.34	37.21	0.00	40.06	40.53	0.83	29.35
15	0.46	54.22	0.00	34.83	0.00	37.21	0.79	40.85	40.98	0.66	30.01
16	0.32	54.54	0.43	35.26	0.35	37.56	0.00	40.85	41.49	0.50	30.51
17	0.34	54.88	0.85	36.11	0.68	38.24	0.00	40.85	42.01	0.11	30.62
18	0.33	55.21	0.14	36.25	0.84	39.08	0.00	40.85	42.54	1.00	31.62
19	0.31	55.52	0.24	36.49	0.99	40.07	0.00	40.85	43.00	0.00	31.62
20	0.14	55.66	0.13	36.62	0.00	40.07	0.00	40.85	43.47	0.53	32.15
21	0.56	56.22	0.46	37.08	0.32	40.39	0.00	40.85	43.77	0.51	32.66
22	0.55	56.77	0.28	37.36	0.63	41.02	0.00	40.85	44.21	0.66	33.32
23	0.47	57.24	0.25	37.61	0.18	41.20	0.00	40.85	44.49	0.00	33.32
24	0.49	57.73	0.15	37.76	0.36	41.56	0.00	40.85	44.76	0.00	33.32
25	0.50	58.23	0.00	37.76	0.00	41.56	0.00	40.85	45.11	0.00	33.32
26	0.52	58.75	0.12	37.88	0.00	41.56	0.15	41.00	45.28	0.00	33.32
27	0.00	58.75	0.00	37.88	0.24	41.80	0.30	41.30	45.44	0.13	33.45
28	0.92	59.67	0.13	38.01	0.17	41.97	0.46	41.76	45.76	0.35	33.80
29	0.83	60.50	0.14	38.15	0.00	41.97	0.17	41.93	45.90	0.50	34.30
30	0.15	60.65	0.26	38.41		41.97	0.14	42.07	46.06	0.00	34.30
31	0.10	60.75	0.00	38.41		41.97	0.00	42.07	46.07	0.00	34.30
AUG. 1	0.05	60.80		38.41		41.97	0.35	42.42	46.11	0.52	34.82
2	0.00	60.80		38.41		41.97	0.00	42.42	46.11	0.17	34.99
3		60.80		38.41		41.97	0.00	42.42	46.11	0.00	34.99
4		60.80		38.41		41.97	0.00	42.42	46.11	0.00	34.99
5		60.80		38.41		41.97	0.00	42.42	46.11	0.00	34.99
6		60.80		38.41		41.97	0.30	42.72	46.14	0.00	34.99
7		60.80		38.41		41.97	0.00	42.72	46.14	0.00	34.99
8		60.80		38.41		41.97	0.00	42.72	46.14		34.99
9		60.80		38.41		41.97	0.00	42.72	46.14		34.99

Table XII

Relationship between the annual Nass Test fishery sockeye index of spawning escapement and recorded annual escapement past the fishery from 1963 to 1990.

YEAR	ESCAPEMENT PAST TEST FISHERY	TOTAL TEST FISHERY INDEX	SPAWNERS PER INDEX	PREDICTED ESCAPEMENT
1963	N/A	182.70	--	--
1964	163845	269.73	607	134890
1965	141242	222.81	634	111405
1966	113039	181.98	621	90990
1967	86713	190.72	455	95360
1968	104542	265.26	394	132730
1969	182312	253.48	719	--
1970	119112	288.49	413	115396
1971	252844	362.95	697	145180
1972	181230	235.18	771	94072
1973	292331	488.56	598	262625
1974	201403	319.69	630	175610
1975	85674	215.76	397	118668
1976	165305	303.76	544	167068
1977	424821	466.28	911	256454
1978	156818	269.70	581	148335
1979	222751	284.56	783	182418
1980	163088	252.84	645	151704
1981	265596	387.38	686	259746
1982	321251	427.22	752	260450
1983	192782	284.90	677	174599
1984	193650	321.51	602	198050
1985	373349	416.39	897	254831
1986	197072	279.98	704	181987
1987	191160	228.09	838	150670
1988	145457	258.82	562	181174
1989	119826	273.91	437	184889
1990	165603	247.17	670	154481
AVG. 64-90	193438	296.19	638	162362
AVG. 64-74	167147	279.90	597	123478
AVG. 75-84	219174	321.39	682	191749
AVG. 80-90	211712	307.11	679	195689

Note: 1. Esc. past test fishery = spawning esc. + I.F.F. catch data.
2. Spawners per index = esc. past test fishery / total test fishery index.